

2ND EDITION
COVERS GIMP 2.8

THE ARTIST'S GUIDE TO **GIMP**

creative techniques for photographers, artists, and designers | *michael j. hammel*



INDEX

Numbers

- 3-D package designs
 - cleaning up edges, 166
 - creating patches, 162
 - creating side of box, 164
 - front of box
 - adding text to, 163
 - overview, 160–162
 - merging front and side panels, 164–166
 - overview, 160, 166

A

- active image preview window, 5
- Add Alpha Channel option, 14, 66
- Addition mode, 20
- Add Layer Mask option, 23, 65
- advertising. *See also* effects
 - 3-D package designs
 - cleaning up edges, 166
 - creating patches, 162
 - creating side of box, 164
 - front of box, 160–162, 163
 - merging front and side panels, 164–166
 - overview, 160, 166
 - color, contrast, and grayscale, 153–154
 - creative text design
 - fonts, 156
 - mask layer, 158–159
 - overview, 155
 - selecting stock images, 156
 - text layer, 157–158
 - vignette, 156–157
- iPods
 - drawing earphones, 215
 - overview, 212–214
 - placing in pocket, 215
 - shadows, 216
 - print vs. web, 151–152
 - stock images, 152–153
 - tips for, 217
- Airbrush tool
 - creating boxes using, 162
 - overview, 4, 13
 - softening images with, 211
 - using in photo restoration, 99–101
- alignment of text, 161, 255
- Align tool
 - creating tabs with, 133
 - overview, 3
 - using with text, 158, 222
- Allow resizing checkbox, 124, 177
- alpha blending technique, 26
- alpha channel, 14, 25, 66, 281
- Alpha to Selection option, 67
- Anchor Layer option, 124, 281
- anchors, 38
- Angle value, 16
- antiquing images
 - increasing middle grays, 79–80

- overview, 78–79
- sepia tones, 80–81
- application icon project, 143–148
- Apply Layer Mask option, 145, 260
- Arbitrary Rotation option, 192, 276
- Aspect Ratio option, 125
- Autolevel option, 115

B

- background color box, 169
- Background layer, 13
- backgrounds
 - adding sun to, 274–275
 - cropping graphics of, 134–135
 - isolating subject from, 259–260
 - removing, 176
 - replacing, 177
 - restoration of, 103–104
 - in web design, 149
- banners
 - adding foreground graphics, 135–136
 - colorizing, 136
 - cropping background graphics, 134–135
 - enhancing glow, 135
 - exporting and saving, 137
 - opening windows, 136–137
 - overview, 134
- Basic Dynamics option, 12, 110, 215
- Behind mode, 20
- Bitstream website, 255
- blending action, 262–263
- blending layers, 74
- Blend mode, 11
- Blend tool
 - adding gradient fills with, 144
 - adding highlights with, 147
 - creating steam effect with, 65
 - enhancing glow with, 135
 - miniaturizing scenes with, 113
 - overview, 3
- Blobs layer, 229
- blurring to miniaturize scenes, 114
- Blur/Sharpen tool, 4
- borders
 - adding in reflective glass effect, 167–168
 - in logos, 140–141
 - metallic, 179–180
- Bottle Shape layer, 186
- bounding boxes, 54, 256
- Brightness-Contrast dialog, 47, 73, 97
- brushed metal text effect, 222–225

- brushes
 - ordinary and colored, 14–15
 - overview, 14
 - parametric, 15–16
 - previews of, 5
 - settings, 11–12
- Bucket Fill tool
 - adding borders with, 141
 - adding glow with, 110
 - blending with, 53
 - colorizing with, 136
 - creating backgrounds with, 247
 - overview, 3
 - using with sepia tones, 81
- built-in effects, 246
- Bump Map filter, 46, 53, 97, 131
- Burn mode, 20
- buttons, creating
 - gel
 - adding text to, 124
 - colored layers, 121
 - lower highlights, 122–123
 - overview, 120
 - upper highlights, 122–124
 - metal
 - adding color to, 127–128
 - adding reflections to, 126–127
 - overview, 125–126
- C**
 - Cage Transform tool, 3
 - Calligraphic brush, 110
 - cameras, digital. *See* digital cameras
 - Cascading Style Sheets (CSS)
 - overview, 117
 - using for design, 149
 - Change Foreground Color
 - dialog, 169, 181
 - Channel Mixer feature, 78–79
 - Channel to Selection button, 122, 131, 241
 - checkered pattern, 144–145
 - clipart in logos, 140–141
 - Clone tool, 4, 48, 270
 - cloning, defined, 4
 - cloth pattern, 47–48
 - clouds
 - combining filters, 64
 - Difference Clouds filter, 64
 - Fog filter, 64
 - overview, 62
 - Plasma filter, 62–63
 - Solid Noise filter, 63–64
 - steam effect, 64–65
 - tips for, 66
 - CMYK color mode, 24
 - color
 - adding to buttons, 127–128
 - adding to tabs, 131
 - in advertising, 153–154
 - choosing in web design, 150
 - coloring stars, 271
 - colorizing banners, 136
 - measured in degrees
 - Kelvin, 115
 - previews of swatches, 4–5
 - Color Balance tool, 115
 - colored brushes, 14–15
 - colored layers, 121
 - colored lighting
 - cool lighting, 209
 - highlights, 210
 - overview, 208
 - softening images, 211
 - warm lighting, 210
 - color enhancement, 60
 - Color Erase mode, 20
 - Colorize tool, 23
 - Color mode, 21
 - color modes, 24–26
 - Color Picker tool, 3, 103, 110
 - Colors menu, 7
 - color spaces, 24
 - color swaps
 - changing Quick Mask
 - color, 84–85
 - choosing destination
 - colors, 83
 - creating complex
 - selections, 84
 - duplicate layers, 86
 - isolating objects, 82–83
 - overview, 82
 - painting selections, 85–86
 - Compensate for darkening
 - checkbox, 226, 232
 - complex selections, 84
 - compositing, defined, 19
 - concrete texture pattern, 46–47
 - Configure Color and Opacity
 - option, 84
 - Configure Grid option, 41, 185, 197–198
 - contrast
 - adding, 115
 - adding in web design, 149
 - in advertising, 153–154
 - control points, 32, 38
 - cool lighting, 209
 - copyfitting manually, 256
 - Correlated noise checkbox, 224
 - cracks
 - overview, 66
 - ripping image edges, 66–67
 - tips for, 67
 - Creamsicle Love project, 273–279
 - Create Star button, 43
 - cropping background
 - graphics, 134–135
 - Crop tool, 3
 - Crown Molding gradient, 51, 180
 - crown of flames, 264–265
 - CSS (Cascading Style Sheets)
 - overview, 117
 - using for design, 149
 - css Zen Garden website, 118
 - Cube City effect
 - adding color to, 200
 - adding highlights to, 200–201
 - creating face of buildings, 197–198
 - making face cube, 199
 - multiplying buildings, 199–200
 - overview, 197
 - Curve Bend filter, 142
 - Curves tool, 101–102, 153
 - dialog, 73, 224
- D**
 - Darken Only mode, 20
 - Dark Pill layer, 122
 - degrees, Kelvin, 115
 - depth, adding to gears
 - illustration, 195–196
 - depth of field
 - adding, 90
 - isolating foreground, 88–90
 - overview, 87
 - Desaturate option, 46, 63

- effects, *continued*
 - shiny emblems
 - adding inner borders, 181–182
 - adding raised lettering, 182–184
 - creating emblems, 181
 - creating metallic borders, 179–180
 - overview, 179
 - soft focus
 - adjusting light and shadow in high pass layer, 73
 - blending layers, 74
 - fine tuning, 74
 - high pass filter, 72
 - merging layers, 72–73
 - overview, 71–72
 - tips for, 115, 217
 - underwater
 - adding diffused light, 204–205
 - adding rays of light, 205–206
 - creating waves, 203–204
 - intensifying light, 206–207
 - overview, 202
 - wine bottles
 - adding highlights to, 187–188
 - drawing, 185–187
 - making labels and trim, 188–189
 - overview, 185
 - Ellipse Select tool, 2, 41, 93
 - emblems, 181
 - Emboss filter, 217, 241, 248
 - embossing in advertising, 217
 - Emulate brush dynamics
 - checkbox, 110
 - Enable antialiasing
 - checkbox, 199
 - Enable Brush Dynamics
 - option, 215
 - enhancing scanned images, 99–100
 - Eraser tool, 4, 13
 - EXIF (Exchangeable Image File) format metadata, 59–60
 - existing pixels, 20
 - Expand from center option, 28
 - experimenting with effects, 115
 - Export Image as Brush
 - dialog, 15
 - exporting, 150
 - banners, 137
- F**
- facial blemishes, 102–103
 - feathering selections, 33–34
 - Feather option, 175
 - FG to BG option, 125, 202
 - FG to Transparent gradient, 110, 123, 147
 - file formats
 - overview, 59
 - for web design, 149–150
 - File menu, 7
 - Fill Whole Selection option, 81
 - Filters menu, 8
 - Fire Girl project, 259–265
 - Fixed option, 28, 125
 - flame coloring, 264–265
 - Flatten Image option, 48, 269
 - Flip tool, 3
 - Flip Vertically option, 195
 - floating selections, 18
 - Flow value, 13
 - Fog filter, 64
 - fonts
 - choosing, 156
 - creating maps of, 256
 - finding, 255
 - using, 255
 - foreground
 - adding graphics to, 135–136
 - isolating, 88–90
 - Foreground color icon, 227
 - Foreground RGB setting, 145
 - Foreground Select tool, 3, 30, 32–33
 - Free Select tool, 2, 30–31, 100–101
 - frost text effect
 - adding snow, 243–244
 - bringing text forward, 241–243
 - creating background and text, 240–241
 - creating falling snow, 244–245
 - overview, 240
 - Fuzzy Select tool, 2, 31, 84
- G**
- Gaussian Blur filter, 72, 76, 79, 90, 92, 94, 97, 106, 107, 110, 111, 114, 122, 127, 130, 131, 142, 143, 170, 171, 172, 181, 182, 183, 187, 195, 198, 201, 203, 207, 211, 223, 224, 225, 226, 229, 232, 233, 248, 249, 250, 270, 275, 277, 284
 - .gbr* extension, 14
 - gears effect
 - adding depth and texture to, 195–196
 - connecting disks and rings, 194–195
 - creating outer rings, 193–194
 - gear cogs, 190–192
 - overview, 190
 - gel buttons
 - adding text to, 124
 - colored layers, 121
 - lower highlights, 122–123
 - overview, 120
 - stretching upper highlights, 123–124
 - upper highlights, 122–123
 - gel text effect
 - creating text, 231
 - lightening text and adding drop shadows, 234–235
 - lighting effects, 233–234
 - overview, 231
 - rounding surface of text, 231–233
 - Gfig tool, 43
 - GIF format, 53
 - glass-edged reflection, 250
 - glow
 - adding, 249–250
 - enhancing, 135
 - Gradient editor, 51–52
 - Gradient Flare filter, 271–272
 - Gradient Reverse button, 216
 - gradients
 - adding to tabs, 130
 - in advertising, 217
 - custom, creating, 273–274
 - fills in icons, 144

- overview, 49
 - previews of, 5
 - subtle, 150
 - tips for using, 52–53
 - using Gradient editor, 51–52
 - using Shape setting with, 49–51
 - Grain Extract mode, 21, 182
 - Grain Merge mode, 21, 201, 203
 - grayscale in advertising, 153–154
 - Grayscale mode, 14, 154
 - grays, increasing middle, 79–80
 - guides, 8, 28
- H**
- Hard Light mode, 20, 76–77
 - Heal tool, 4
 - heavy metal text effect, 225–228
 - Help menu, 8
 - highlights
 - adding, 210
 - of buttons
 - lower, 122–123
 - upper, 122–124
 - in icons, 147
 - Lens Flare and Gradient Flare filters, 271–272
 - reflective, 169–172
 - in tabs, 131
 - in wine bottle effect, 187–188
 - high pass filter, 71–73
 - HSV Noise filter, 157, 266
 - Hue mode, 21
 - Hue-Saturation dialog, 86
 - Hurl filter, 181, 238, 281
- I**
- icons
 - adding application IDs to, 148
 - adding highlights to, 147
 - adding patterns, 145–146
 - checkered pattern, 144–145
 - gradient fills, 144
 - masking bottom of, 146
 - overview, 143–144
 - identity, defined, 179
 - Image menu, 7
 - images. *See also* effects; restoration
 - alignment of, 60
 - colorizing using layer mask, 22–23
 - creamsicle love example, 273–279
 - fire girl example, 259–265
 - mobsterville example, 280–285
 - processing, 60–61
 - ripping edges of, 66–67
 - scanned, enhancing, 99–100
 - scanning for web design, 150
 - star field example, 266–272
 - using layer mode, 22
 - image window
 - features of, 7–8
 - menus, 6–8
 - overview, 6
 - Incremental checkbox, 272
 - Independent RGB checkbox, 224
 - Indexed mode, 25–26
 - Inkscape tool, 44
 - Ink tool, 4, 14
 - inner glow, 111
 - Inner Ring layer, 182
 - intensifying light, 206–207
 - International Typeface Corporation
 - website, 255
 - Intersections option, 185
 - Invert mask checkbox, 182
 - Invert option, 107, 261
 - iPods
 - drawing earphones, 215
 - overview, 212–214
 - placing in pocket, 215
 - shadows, 216
 - irregular shapes, 42–43
 - IWarp filter, 66, 101, 252
- J**
- jaggies, eliminating, 217
 - JPEG format, 53, 59
- K**
- Keep Aspect option, 91
- L**
- layer boundaries, 28
 - Layer Boundary option, 203
 - layer mode, 19–20
 - in advertising, 217
 - using to colorize images, 22
 - layers
 - blending, 74
 - duplicate, 86
 - editing, 256
 - groups of, 18
 - Layers dialog, 17–19
 - mask, 158–159
 - merging, 72–73
 - multiple, creating, 261
 - overview, 17
 - paint modes, 19–21
 - text, 157–158
 - tips for using, 23
 - using mask to colorize images, 22–23
 - Layers dialog, 17–19
 - Layer to Image Size option, 183, 231, 260, 268
 - Lens Flare filter, 271–272
 - letter spacing, 156
 - Levels option, 268
 - Levels tool, 115, 175
 - Lighten Only mode, 20
 - lighting
 - adjusting in high pass layer, 73
 - casting light through windows
 - overview, 105, 108
 - setting up shadow masks, 105–107
 - colored
 - cool lighting, 209
 - highlights, 210
 - overview, 208
 - softening images, 211
 - warm lighting, 210
 - diffused light, 204–205
 - intensifying light, 206–207
 - rays of light, 205–206
 - streaks of light
 - enhancing, 111–112
 - inner glow, 111
 - outer glow, 110–111
 - overview, 109–110
 - Lighting Effects filter, 233
 - Light Pill layer, 121

- lines
 - spacing of, 156
 - straight, drawing, 41
- Linotype website, 255
- liquid metal text effect, 228–230
- Lock Alpha Channel option, 44, 92, 201, 213
- logos
 - borders and clipart, 140–141
 - centering text, 142
 - creating text, 138–140
 - overview, 138
 - watermarks, 141–142
- lossless compression, 59, 149–150
- lossy, defined, 149
- Lower Highlight layer, 122
- lower highlights, 122–123
- Luminosity option, 259–260

- M**
- Make Seamless filter, 49
- manually copyfitting, 256
- Map backwards checkbox, 205
- Map from top checkbox, 205
- marching ants, 27
- mask layer, 158–159
- masks, creating from
 - selections, 33–35
- Measure tool, 3
- menus, overview, 6–8
- Merge Down option, 102, 264, 283
- Merge Visible Layers option, 276
- metal buttons
 - adding color to, 127–128
 - adding reflections to, 126–127
 - overview, 125–126
- metallic borders, 179–180
- middle grays, increasing, 79–80
- miniaturizing a scene
 - blurring, 114
 - overview, 113–114
- Mobsterville project, 280–285
- model release, defined, 152–153
- modes
 - Layers dialog, 17–19
 - overview, 11, 17
 - paint, 19–21
 - selections, 29–30
 - tips for using, 23
 - using layer mask to colorize images, 22–23
 - using layer mode to colorize images, 22
- Motion Blur filter, 177, 181, 226
- Move an Object button, 43
- Move the Active Layer option, 127, 142
- Move tool, 3, 18, 65
- Multiply mode, 11, 20
- Multi-Window mode, 1–2

- N**
- native mediums, 118
- neon signs
 - adding glass-edged reflection, 250
 - adding glow, 249–250
 - built-in effects, 246
 - creating backgrounds, 246–247
 - overview, 246
 - preparing neon tubes, 247–249
- New Guide option, 8, 120
- New Layer option, 43, 46
- new pixels, 20
- nodes, 32
- Normal mode, 20

- O**
- Offset option, 182–183, 283
- Oilify filter, 77
- opacity, defined, 11
- ordinary brushes, 14–15
- Orientation tab, 199
- ornamental elements, 261–262
- outer glow, 110–111
- Overlay mode, 11, 20, 115

- P**
- Paint Along Path icon, 110
- Paintbrush tool, 3, 13, 41
- painting. *See* drawing
- paint modes, 19–21
- parametric brushes, 15–16
- patches
 - creating, 162
 - multiple, 101–102
 - single, 100–101
- .pat extension, 45
- paths, 38–40, 56–57
- Paths tool, 3, 42, 109
- patterns
 - adding to icons, 145–146
 - checkered, 144–145
 - concrete texture, 46–47
 - overview, 45–46
 - previews of, 5
 - simulated cloth, 47–48
 - tileable, 48–49
 - tips for using, 52–53
- Pencil tool, 3, 12, 237
- Perspective Clone tool, 4
- Perspective tool, 3, 165, 200
- photographic effects. *See* effects
- photo restoration. *See* restoration
- photos. *See* images
- photo to sketch effect
 - adding depth, 76–77
 - adding touches, 77
 - converting images to sketches, 75–76
 - overview, 75
- Pick filter, 238, 242–243
- Plasma filter, 46, 62–63
- PNG format, 26
- Polar Coordinates filter, 205
- popping, defined, 174
- popping image effect
 - adding drop shadows, 177
 - adding text, 178
 - enhancing details, 175
 - isolating image, 174–175
 - overview, 174
 - removing backgrounds, 176
 - replacing backgrounds, 177
- predefined shapes, drawing, 43–44
- Preferences dialog
 - overview, 8
 - resource folders, 10
 - shortcuts, 9
 - undo levels, 9–10
- Prewitt compass algorithm, 261
- print advertising, 151–152
- print projects, 255

- Q**
- Quick Mask feature, 34–35, 84–85
 - Quick Mask to Selection button, 103
- R**
- Radius setting, 15–16
 - rain effect, 281–282
 - raised lettering, 182–184
 - Randomize checkbox, 203
 - Random Seed value, 226
 - rasterized text, 255
 - Rate value, 13
 - RAW formats, 59
 - rays of light, 205–206
 - Rectangle Select tool, 2, 41, 82–83
 - Red Eye Removal tool, 60
 - reflection effect
 - adding to buttons, 126–127
 - on glass
 - adding shadows, 93–94
 - adding surface for reflections, 92–93
 - creating reflections, 92
 - overview, 91
 - placing reflections on surfaces, 93
 - preparing for, 91–92
 - on lake
 - adding ripples, 96–97
 - adding waves, 97–98
 - creating initial reflections, 96
 - overview, 95–96
 - reflective highlights, 169–172
 - Remove All Guides option, 120, 145
 - Replace mode, 176
 - resource folders, 10
 - restoration
 - backgrounds, 103–104
 - enhancing scanned images, 99–100
 - facial blemishes, 102–103
 - with multiple patches, 101–102
 - overview, 99
 - with single patch, 100–101
 - Retinex tool, 69
 - Reverse button, 53, 93, 189
 - RGB color mode, 25–26
 - RGB Noise filter, 46–47, 195, 224
 - Ripple filter, 203
 - ripples, adding, 96–97
 - rips
 - overview, 66
 - ripping image edges, 66–67
 - tips for, 67
 - Rotate 90° clockwise option, 48, 192
 - Rotate 90° counter-clockwise option, 164
 - Rotate 180° option, 191
 - Rotate tool, 3, 44, 187
 - Round brush, 41
 - Rounded Corners option, 120, 129
 - Round Fuzzy brush, 74
 - rulers, 8
- S**
- Saturation mode, 21
 - saving banners, 137
 - Scale Image option, 134, 268
 - Scale tool, 3, 65, 199
 - scanned images
 - enhancing, 99–100
 - for web design, 150
 - Scissors tool, 3, 32
 - Screen mode, 20
 - Select by Color tool, 2, 32, 260
 - Selection from Path button, 170, 186
 - Selection Mask copy channel, 122
 - selections
 - complex, 84
 - constraints, 28–29
 - creating masks from
 - feathering, 33–34
 - overview, 33
 - Quick Mask feature, 34–35
 - discarding, 35–36
 - editing, 27–28
 - effects and, 115
 - Foreground Select tool, 32–33
 - Free Select tool, 30–31
 - Fuzzy Select tool, 31
 - modes, 29–30
 - overview, 27
 - painting, 85–86
 - Scissors tool, 32
 - Select by Color tool, 32
 - tips for using, 37
 - tools for, 27
 - working with, 36–37
 - Select menu, 7
 - Select Transparent Areas option, 111
 - sepia tones, 80–81, 115
 - shadow masks, 105–107
 - shadows
 - adding on glass, 93–94
 - adjusting in high pass layer, 73
 - shapes
 - irregular, drawing, 42–43
 - predefined, drawing, 43–44
 - simple, drawing, 41–42
 - Shape setting, 49–51
 - Sharpen filter, 200
 - sharp scans, 115
 - Shear tool, 3
 - shiny emblem effect
 - adding inner borders, 181–182
 - adding raised lettering, 182–184
 - creating emblems, 181
 - creating metallic borders, 179–180
 - overview, 179
 - shortcuts, 9
 - Shrink option, 44, 107, 193
 - simulated cloth pattern, 47–48
 - Single-Window mode, 1–2, 6
 - sketch effect
 - adding depth, 76–77
 - adding touches, 77
 - converting images to sketches, 75–76
 - overview, 75
 - Slur filter, 243
 - Smudge tool, 4, 263
 - Snap to Grid feature, 185, 198
 - snow
 - adding to text, 243–244
 - falling, creating, 244–245
 - Sobel filter, 76
 - softening images, 211

- soft focus effect
 - adjusting light and shadow
 - in high pass layer, 73
 - blending layers, 74
 - fine tuning, 74
 - high pass filter, 72
 - merging layers, 72–73
 - overview, 71–72
- Soft Light mode, 20, 23, 74, 115
- Solid Noise filter, 63–64, 203
- Spacing setting, 12
- Sparkle filter, 240
- Sphere Designer filter, 272
- Spikes value, 16
- spray paint text
 - adding text outline, 251–252
 - converting text to, 252–254
 - creating backgrounds, 251
 - overview, 251
- sRGB (standard RGB) color space, 24
- Star Field project, 266–272
- status area, 8
- steam effect, 64–65
- stock images
 - overview, 152–153
 - selecting, 156
- straight lines, drawing, 41
- streaks of light
 - enhancing, 111–112
 - inner glow, 111
 - outer glow, 110–111
 - overview, 109–110
- Stroke Path button, 41, 215
- Stroke Selection option, 37, 41, 242
- Stroke with a Paint Tool option, 41, 110

- Style Editor, 54–55
- subtle gradients, 150
- Subtract mode, 20, 170
- surfaces
 - glassy, 169
 - placing reflections on, 93
 - for reflections, 92–93
- Swirl CW mode, 265
- symbols, 179

T

- tabs
 - adding color and highlights to, 131
 - adding gradients to, 130
 - adding text to, 132
 - creating, 132–133
 - giving depth to, 130–131
 - overview, 129–130
- text. *See also* type effects
 - adding to buttons, 124
 - adding to tabs, 132
 - centering in logos, 142
 - creating, 54–55
 - designs for
 - fonts, 156
 - mask layer, 158–159
 - overview, 155
 - selecting stock images, 156
 - text layer, 157–158
 - vignette, 156–157
 - overview, 54
 - paths and, 56–57
 - Text Editor, 56
 - tips for, 57
 - Tool Options dialog, 55–56
- Text Editor, 56
- text frame, 54

- text layer, 157–158
- Text tool, 3, 178
- textures
 - adding, 195–196
 - in advertising, 217
- 3-D package designs
 - cleaning up edges, 166
 - creating patches, 162
 - creating side of box, 164
 - front of box
 - adding text to, 163
 - overview, 160–162
 - merging front and side panels, 164–166
 - overview, 160, 166
- Threshold level, 89
- TIFF format, 59
- Tileable Blur filter, 49
- tileable patterns, 48–49
- To New Layer option, 102
- toolbox
 - active image preview window, 5
 - brush, pattern, and gradient previews, 5
 - color swatches and tool previews, 4–5
 - docking, 6
 - overview, 2–4
 - Tool Options dialog, 4
- Tool Options dialog, 4, 55–56, 156
- Tools menu, 7
- Top Reflection layer, 127
- transparency in web design, 150
- Transparency setting, 22
- Transparent background checkbox, 199

- tutorials
 - clouds
 - combining filters, 64
 - Difference Clouds filter, 64
 - Fog filter, 64
 - overview, 62
 - Plasma filter, 62–63
 - Solid Noise filter, 63–64
 - steam effect, 64–65
 - tips for, 66
 - overview of basic, 62
 - rips and cracks
 - overview, 66
 - ripping image edges, 66–67
 - tips for, 67
 - type effects
 - chrome and metal text, 222–230
 - brushed metal, 222–225
 - heavy metal, 225–228
 - liquid metal, 228–230
 - distressed text, 236–239
 - frost
 - adding snow, 243–244
 - bringing text forward, 241–243
 - creating background and text, 240–241
 - creating falling snow, 244–245
 - overview, 240
 - gel type
 - creating text, 231
 - lightening text and adding drop shadows, 234–235
 - lighting effects, 233–234
 - overview, 231

- rounding surface of text, 231–233
 - neon signs
 - adding glass-edged reflection, 250
 - adding glow, 249–250
 - built-in effects, 246
 - creating backgrounds, 246–247
 - overview, 246
 - preparing neon tubes, 247–249
 - overview, 219–221
 - spray paint
 - adding text outline, 251–252
 - converting text to spray paint, 252–254
 - creating backgrounds, 251
 - overview, 251
 - tips for
 - alignment, 255
 - creating font maps, 256
 - editing layers, 256
 - finding fonts, 255
 - manually copyfitting, 256
 - planning, 256
 - print projects, 255
 - rasterized text, 255
 - using only needed fonts, 255
- U**
- underwater effect
 - adding diffused light, 204–205
 - adding rays of light, 205–206
 - creating waves, 203–204
 - intensifying light, 206–207
 - overview, 202
 - Undo command, 21
 - undo levels, 9–10
 - units, 149
 - Unsharp Mask filter, 100, 115, 134
 - upper highlights
 - overview, 122–123
 - stretching, 123–124
 - US Letter template, 164
- V**
- Value mode, 21
 - View menu, 7
 - vignette, 156–157
- W**
- warm lighting, 210
 - watermarks, in logos, 141–142
 - waves
 - adding to lake image, 97–98
 - creating, 203–204
 - Waves filter, 142, 229
 - web advertising, 151–152
 - web design
 - gel buttons
 - adding text to, 124
 - colored layers, 121
 - lower highlights, 122–123
 - overview, 120
 - stretching upper highlights, 123–124
 - upper highlights, 122–123
 - icons
 - adding application IDs to, 148
 - adding highlights to, 147
 - adding patterns, 145–146
 - checkered pattern, 144–145
 - gradient fills, 144
 - masking bottom of, 146
 - overview, 143–144
 - logos
 - borders and clipart, 140–141
 - centering text, 142
 - creating text, 138–140
 - overview, 138
 - watermarks, 141–142
 - metal buttons
 - adding color to, 127–128
 - adding reflections to, 126–127
 - overview, 125–126
 - overview
 - native mediums, 118
 - tools for, 118–119
 - tabs
 - adding color and highlights to, 131
 - adding gradients to, 130
 - adding text to, 132
 - creating, 132–133
 - giving depth to, 130–131
 - overview, 129–130
 - tips for
 - adding contrast, 149
 - busy backgrounds, 149
 - choosing colors, 150
 - exporting, 150
 - file formats, 149–150
 - scanning images, 150
 - subtle gradients, 150
 - transparency, 150
- units, using correct, 149
- using CSS for design, 149
- website banners
 - adding foreground graphics, 135–136
 - colorizing, 136
 - cropping background graphics, 134–135
 - enhancing glow, 135
 - exporting and saving, 137
 - opening windows, 136–137
 - overview, 134
- Whirl and Pinch filter, 66
- White Backdrop layer, 177
- White button, 23
- white layer mask, 203
- Wind filter, 244, 253
- windows
 - casting light through
 - overview, 105, 108
 - setting up shadow masks, 105–107
- Windows menu, 8
- wine bottle effect
 - adding highlights to, 187–188
 - drawing, 185–187
 - making labels with trim, 188–189
 - overview, 185
- Z**
- zoom drop-down menu, 8
 - Zoom Out option, 274
 - Zoom tool, 3