Converting Colors

RGB(183, 168, 155)

Have a look what the booklet for RGB(183, 168, 155) contains.

Color

RGB(183, 168, 155)

Conversions

Conversions Part 1

Format	Color
Hex	B7A89B
RGB	183, 168, 155
RGB Percent	72%, 66%, 61%
CMY	0.2824, 0.3412, 0.3922
CMYK	0.00, 0.08, 0.15, 0.28
HSL	28°, 16%, 66%
HSV	28°, 15%, 72%
XYZ	39.4475, 40.4391, 36.7368
YIQ	171.0030, 13.1130, -0.8630

Conversions

Conversions Part 2

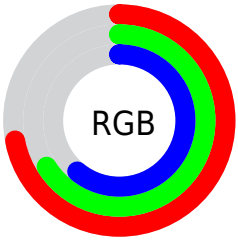
Format	Color
RYB	183, 179, 155
Decimal	12036251
CIELab	69.78, 3.21, 8.67
CIELCh	70, 9.242, 69.645
Yxy	40.4391, 0.3382, 0.3467
Android (android.graphics.Color)	4290226331 (0xFFB7A89B)
YUV	171.0030, -7.8895, 10.5214
Hunter-Lab	63.5917, -0.5578, 10.2626

Details

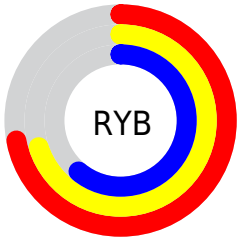
The RGB color 183, 168, 155 is a light color, and the websafe version is hex 999999. A complement of this color would be 155, 170, 183, and the grayscale version is 171, 171, 171.

A 20% lighter version of the original color is 239, 223, 209, and 130, 116, 104 is the 20% darker color. If you saturate the color by 10%, you get 183, 158, 137, and if you desaturate by 10%, it is 183, 178, 173.

Distribution

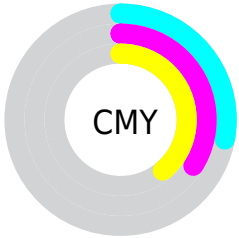


- Red (72%)
- Green (66%)
- Blue (61%)



- Red (72%)
- Yellow (70%)
- Blue (61%)

- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (28%)



- Cyan (28%)
- Magenta (34%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 183, 168, 155 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 183, 168, 155 by changing the saturation by 10% instead.

183, 168, 155

255, 255, 255

239, 223, 209

255, 252, 238

183, 168, 155

156, 142, 129

130, 116, 104

105, 91, 80

80, 68, 57

57, 46, 35

35, 25, 14

6, 0, 0

0, 0, 0

183, 168, 155

183, 168, 155

183, 158, 137

183, 148, 118

183, 139, 100

183, 129, 82

183, 119, 63

183, 109, 45

183, 99, 27

183, 90, 9

183, 85, 0

183, 178, 173

183, 188, 192

183, 197, 210

183, 207, 228

183, 217, 246

183, 227, 255

183, 237, 255

183, 246, 255

183, 255, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

188, 166, 160

183, 168, 155

175, 171, 154

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

183, 168, 155

151, 176, 173

176, 168, 183

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

183, 168, 155

155, 170, 183

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

165, 170, 187

183, 168, 155

150, 175, 181

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

183, 168, 155

156, 175, 164

156, 173, 186

184, 166, 176

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

183, 168, 155

168, 173, 156

156, 173, 186

172, 168, 185

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

183, 168, 155

237, 231, 225

183, 155, 170

120, 116, 113

247, 247, 247

120, 120, 120

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

183, 168, 155

237, 214, 194

183, 182, 155

92, 87, 83

156, 72, 0

28, 13, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

155, 170, 183

194, 217, 237

155, 156, 183

83, 88, 92

0, 83, 156

0, 15, 28

Previews

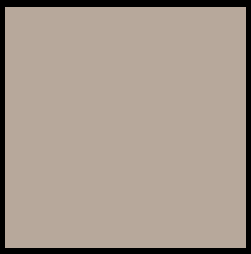
White Background

This preview shows how the RGB color 183, 168, 155 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



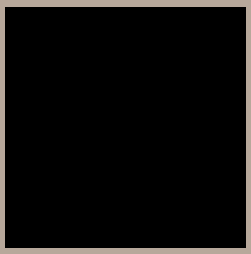
This preview shows how the RGB color 183, 168, 155 looks on a black background.

Color Contrast Check

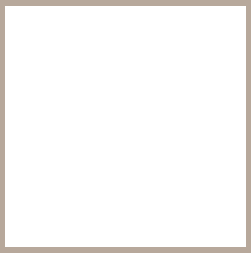
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 183, 168, 155 Background



This preview shows how black text looks on a background with the RGB color 183, 168, 155.



This preview shows how white text looks on a background with the RGB color 183, 168, 155.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

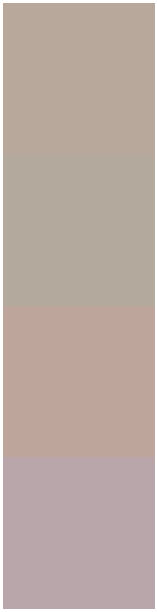
Original Color
183, 168, 155

Protanopia
177, 170, 156

Deuteranopia
192, 164, 156

Tritanopia
186, 165, 178

Trichromacy



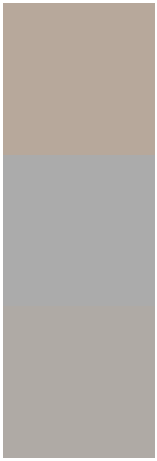
Original Color
183, 168, 155

Protanomaly
179, 169, 156

Deuteranomaly
189, 165, 156

Tritanomaly
185, 166, 170

Monochromacy



Original Color
183, 168, 155

Achromatopsia
171, 171, 171

Achromatomaly
175, 170, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 183, 168, 155 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(183, 168, 155) looks like.

```
.text, #text, p{
    color:rgb(183, 168, 155)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(183, 168, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 168, 155) }
```

Border

The CSS property to change the border of an element to RGB 183, 168, 155 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 168, 155) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(183, 168, 155) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(183, 168, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 168, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 168, 155); box-shadow:4px 4px 4px 4px rgb(183, 168, 155) }
```

Background

The CSS property to change the background color of an element to RGB 183, 168, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(183, 168, 155) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(183,
168, 155) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor