Converting Colors

RGB(180, 166, 151)

Have a look what the booklet for RGB(180, 166, 151) contains.

Color

RGB(180, 166, 151)

Conversions

Conversions Part 1

Format	Color
Hex	B4A697
RGB	180, 166, 151
RGB Percent	71%, 65%, 59%
CMY	0.2941, 0.3490, 0.4078
CMYK	0.00, 0.08, 0.16, 0.29
HSL	31°, 16%, 65%
HSV	31°, 16%, 71%
XYZ	38.0445, 39.2101, 34.8413
YIQ	168.4760, 13.1590, -1.6970

Conversions

Conversions Part 2

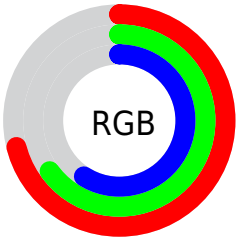
Format	Color
RYB	178, 180, 151
Decimal	11839127
CIELab	68.90, 2.52, 9.59
CIELCh	69, 9.915, 75.251
Yxy	39.2101, 0.3394, 0.3498
Android (android.graphics.Color)	4290029207 (0xFFB4A697)
YUV	168.4760, -8.6157, 10.1065
Hunter-Lab	62.6180, -1.1310, 10.8430

Details

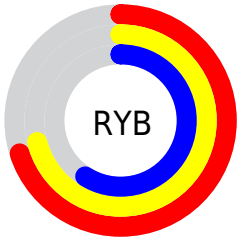
The RGB color 180, 166, 151 is a light color, and the websafe version is hex 999999. A complement of this color would be 151, 165, 180, and the grayscale version is 169, 169, 169.

A 20% lighter version of the original color is 236, 221, 205, and 127, 114, 100 is the 20% darker color. If you saturate the color by 10%, you get 180, 157, 133, and if you desaturate by 10%, it is 180, 175, 169.

Distribution

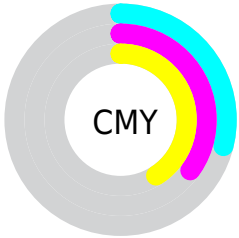


- Red (71%)
- Green (65%)
- Blue (59%)



- Red (70%)
- Yellow (71%)
- Blue (59%)

- Cyan (0%)
- Magenta (8%)
- Yellow (16%)
- Black (29%)



- Cyan (29%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 166, 151 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 180, 166, 151 by changing the saturation by 10% instead.

180, 166, 151

255, 255, 255

236, 221, 205

255, 250, 233

180, 166, 151

153, 140, 125

127, 114, 100

102, 90, 76

78, 66, 54

54, 44, 32

33, 24, 9

0, 0, 0

180, 166, 151

180, 157, 133

180, 166, 151

180, 175, 169

180, 149, 115	180, 183, 187
180, 140, 97	180, 192, 205
180, 131, 79	180, 201, 223
180, 123, 61	180, 209, 241
180, 114, 43	180, 218, 255
180, 105, 25	180, 227, 255
180, 96, 7	180, 236, 255
180, 93, 0	180, 244, 255

Harmonies

Analogous

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

186, 163, 156

180, 166, 151

171, 169, 151

Triad

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

180, 166, 151

146, 174, 172

175, 164, 181

Complementary

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

180, 166, 151

151, 165, 180

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.

164, 167, 185

180, 166, 151

147, 172, 180

Square

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

180, 166, 151

151, 173, 163

154, 170, 185

184, 163, 173

Rectangle

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

180, 166, 151

164, 171, 153

154, 170, 185

172, 165, 183

Sweetspot

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

180, 166, 151

235, 229, 223

180, 151, 165

117, 114, 110

245, 245, 245

117, 117, 117

Same Dimension

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

180, 166, 151

235, 213, 190

180, 180, 151

89, 85, 80

153, 79, 0

26, 13, 0

Inverse Universe

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

151, 165, 180

190, 212, 235

151, 151, 180

80, 85, 89

0, 74, 153

0, 12, 26

Previews

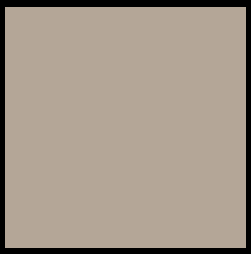
White Background

This preview shows how the RGB color 180, 166, 151 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



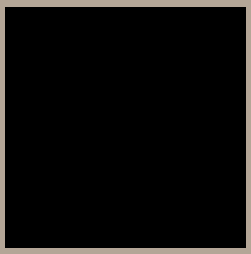
This preview shows how the RGB color 180, 166, 151 looks on a black background.

Color Contrast Check

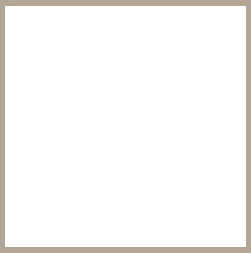
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 180, 166, 151 Background



This preview shows how black text looks on a background with the RGB color 180, 166, 151.



This preview shows how white text looks on a background with the RGB color 180, 166, 151.

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

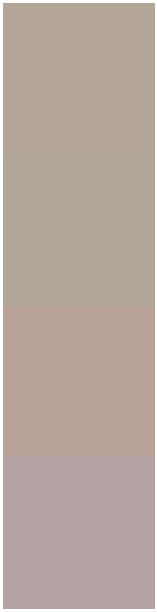
Original Color
180, 166, 151

Protanopia
175, 168, 152

Deuteranopia
190, 162, 152

Tritanopia
183, 162, 175

Trichromacy



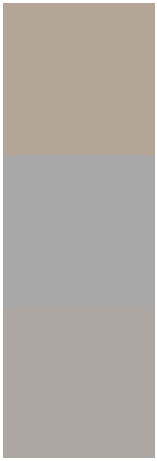
Original Color
180, 166, 151

Protanomaly
177, 167, 152

Deuteranomaly
186, 163, 152

Tritanomaly
182, 163, 166

Monochromacy



Original Color
180, 166, 151

Achromatopsia
168, 168, 168

Achromatomaly
172, 167, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 166, 151 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(180, 166, 151) looks like.

```
.text, #text, p{
    color:rgb(180, 166, 151)
}
```

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(180, 166, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 166, 151) }
```

Border

The CSS property to change the border of an element to RGB 180, 166, 151 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(180, 166, 151) }
```

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

```
.border{ border-color:rgb(180, 166, 151) }
```

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

Here you see how a box with a 4 pixel rgb(180, 166, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 166, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 166, 151); box-shadow:4px 4px 4px 4px rgb(180, 166, 151) }
```

Background

The CSS property to change the background color of an element to RGB 180, 166, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(180, 166, 151) }
```

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

```
.background{ background-color:rgb(180,
166, 151) }
```

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.

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