Converting Colors

RGB(181, 116, 120)

Have a look what the booklet for RGB(181, 116, 120) contains.

Color

RGB(181, 116, 120)

Conversions

Conversions Part 1

Format	Color
Hex	B57478
RGB	181, 116, 120
RGB Percent	71%, 45%, 47%
CMY	0.2902, 0.5451, 0.5294
CMYK	0.00, 0.36, 0.34, 0.29
HSL	356°, 31%, 58%
HSV	356°, 36%, 71%
XYZ	28.6916, 23.6706, 20.8260
YIQ	135.8910, 37.4560, 15.0240

Conversions

Conversions Part 2

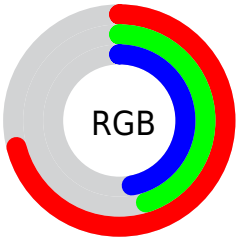
Format	Color
RYB	181, 116, 120
Decimal	11891832
CIELab	55.76, 26.11, 8.48
CIELCh	56, 27.458, 17.999
Yxy	23.6706, 0.3920, 0.3234
Android (android.graphics.Color)	4290081912 (0xFFB57478)
YUV	135.8910, -7.8343, 39.5606
Hunter-Lab	48.6524, 20.1243, 8.6773

Details

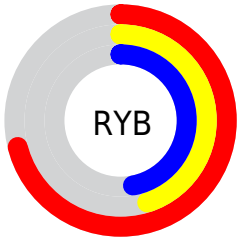
The RGB color 181, 116, 120 is a dark color, and the websafe version is hex 996666. A complement of this color would be 116, 181, 177, and the grayscale version is 136, 136, 136.

A 20% lighter version of the original color is 238, 169, 172, and 126, 67, 72 is the 20% darker color. If you saturate the color by 10%, you get 181, 98, 103, and if you desaturate by 10%, it is 181, 134, 137.

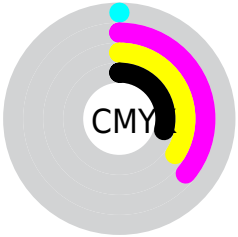
Distribution



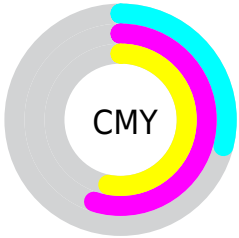
- Red (71%)
- Green (45%)
- Blue (47%)



- Red (71%)
- Yellow (45%)
- Blue (47%)



- Cyan (0%)
- Magenta (36%)
- Yellow (34%)
- Black (29%)



- Cyan (29%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 116, 120 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 181, 116, 120 by changing the saturation by 10% instead.

181, 116, 120

255, 255, 255

238, 169, 172

255, 196, 199

255, 224, 228

255, 253, 255

181, 116, 120

153, 91, 95

126, 67, 72

100, 43, 49

74, 20, 28

50, 0, 2

18, 0, 0

0, 0, 0

181, 116, 120

181, 98, 103

181, 116, 120

181, 134, 137

181, 80, 86

181, 62, 69

181, 44, 52

181, 25, 35

181, 7, 18

181, 0, 11

181, 152, 154

181, 170, 171

181, 188, 188

181, 207, 205

181, 225, 222

181, 243, 239

181, 255, 255

Harmonies

Analogous

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

174, 117, 144

181, 116, 120

175, 121, 99

Triad

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

181, 116, 120

108, 143, 101

86, 139, 180

Complementary

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

181, 116, 120

116, 181, 177

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.

56, 144, 168

181, 116, 120

80, 146, 123

Square

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

181, 116, 120

135, 137, 88

56, 147, 147

123, 131, 179

Rectangle

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

181, 116, 120

165, 126, 90

56, 147, 147

75, 141, 177

Sweetspot

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

181, 116, 120

235, 209, 210

177, 116, 181

117, 102, 103

245, 245, 245

117, 117, 117

Same Dimension

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

181, 116, 120

235, 134, 140

181, 144, 116

89, 80, 81

153, 0, 9

26, 0, 2

Inverse Universe

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

181, 116, 120

235, 134, 140

116, 153, 181

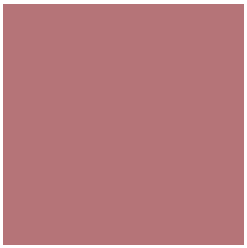
89, 80, 81

153, 0, 9

26, 0, 2

Previews

White Background

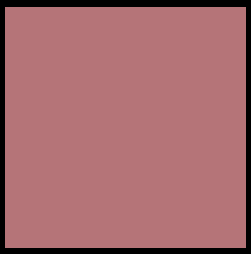


This preview shows how the RGB color 181, 116, 120 looks on a white background.

Color Contrast Check

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

Black Background



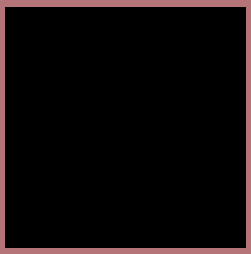
This preview shows how the RGB color 181, 116, 120 looks on a black background.

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 ✕ Fail

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

RGB 181, 116, 120 Background



This preview shows how black text looks on a background with the RGB color 181, 116, 120.

This preview shows how white text looks on a background with the RGB color 181, 116, 120.

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

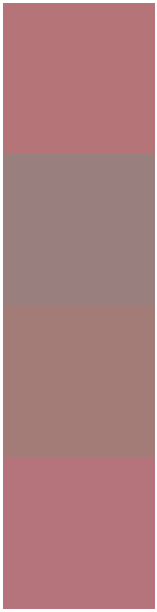
Original Color
181, 116, 120

Protanopia
137, 133, 129

Deuteranopia
153, 129, 118

Tritanopia
181, 115, 124

Trichromacy



Original Color
181, 116, 120

Protanomaly
153, 127, 126

Deuteranomaly
163, 124, 119

Tritanomaly
181, 115, 123

Monochromacy

Original Color
181, 116, 120

Achromatopsia
136, 136, 136

Achromatomaly
152, 129, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 116, 120 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(181, 116, 120) looks like.

```
.text, #text, p{
    color:rgb(181, 116, 120)
}
```

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(181, 116, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 116, 120) }
```

Border

The CSS property to change the border of an element to RGB 181, 116, 120 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(181, 116, 120) }
```

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

```
.border{ border-color:rgb(181, 116, 120) }
```

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

Here you see how a box with a 4 pixel rgb(181, 116, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 116, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 116, 120); box-shadow:4px 4px 4px 4px rgb(181, 116, 120) }
```

Background

The CSS property to change the background color of an element to RGB 181, 116, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(181, 116, 120) }
```

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

```
.background{ background-color:rgb(181,
116, 120) }
```

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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