Converting Colors

RYB(166, 183, 158)

Have a look what the booklet for RYB(166, 183, 158) contains.

Color

RYB(166, 183, 158)

Conversions

Format	Color
	Conversions Part 1
Hex	B7B19E
RGB	183, 177, 158
RGB Percent	72%, 69%, 62%
CMY	0.2824, 0.3061, 0.3804
CMYK	0.00, 0.03, 0.14, 0.28
HSL	45°, 15%, 67%
HSV	45°, 14%, 72%
XYZ	41.4102, 43.9562, 38.6496
YIQ	176.6280, 9.6750, -4.6370

Conversions

Conversions Part 2

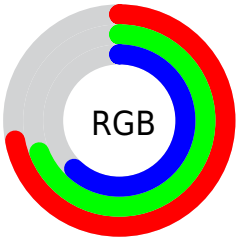
Format	Color
RYB	166, 183, 158
Decimal	12038558
CIELab	72.20, -1.12, 10.46
CIELCh	72, 10.518, 96.125
Yxy	43.9562, 0.3339, 0.3544
Android (android.graphics.Color)	4290228638 (0xFFB7B19E)
YUV	176.6280, -9.1836, 5.5882
Hunter-Lab	66.2995, -4.5344, 11.8463

Details

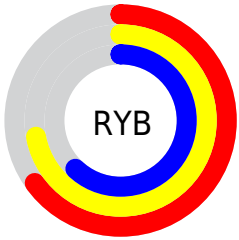
The RYB color 166, 183, 158 is a light color, and the websafe version is hex 999999. A complement of this color would be 158, 163, 183, and the grayscale version is 177, 177, 177.

A 20% lighter version of the original color is 221, 239, 213, and 113, 130, 107 is the 20% darker color. If you saturate the color by 10%, you get 153, 183, 140, and if you desaturate by 10%, it is 179, 183, 176.

Distribution

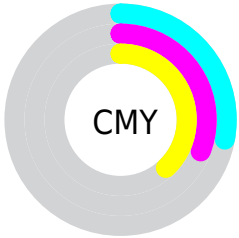


- Red (72%)
- Green (69%)
- Blue (62%)



- Red (65%)
- Yellow (72%)
- Blue (62%)

- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (28%)



- Cyan (28%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 166, 183, 158 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 RYB color 166, 183, 158 by changing the saturation by 10% instead.

166, 183, 158

255, 255, 255

221, 239, 213

241, 255, 241

166, 183, 158

140, 156, 132

115, 130, 107

88, 105, 82

64, 80, 59

43, 57, 38

22, 36, 17

0, 9, 0

0, 0, 0

166, 183, 158

166, 183, 158

153, 183, 140

141, 183, 121

128, 183, 103

117, 183, 85

104, 183, 67

92, 183, 48

79, 183, 30

68, 183, 12

58, 183, 0

179, 183, 176

183, 185, 195

183, 189, 213

183, 193, 231

183, 196, 250

183, 199, 255

183, 202, 255

183, 204, 255

183, 206, 255

Harmonies

Analogous

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

192, 185, 160

166, 183, 158

161, 180, 169

Triad

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

166, 183, 158

153, 169, 188

192, 171, 185

Complementary

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

166, 183, 158

158, 163, 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.

181, 174, 193

166, 183, 158

159, 172, 194

Square

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

166, 183, 158

155, 170, 183

169, 175, 196

197, 171, 175

Rectangle

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

166, 183, 158

165, 180, 181

169, 175, 196

189, 172, 188

Sweetspot

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

166, 183, 158

231, 237, 228

183, 158, 164

117, 120, 114

247, 247, 247

120, 120, 120

Same Dimension

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

166, 183, 158

211, 237, 199

158, 183, 164

86, 92, 83

50, 156, 0

9, 28, 0

Inverse Universe

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

158, 163, 183

199, 206, 237

164, 158, 183

83, 85, 92

0, 31, 156

0, 6, 28

Previews

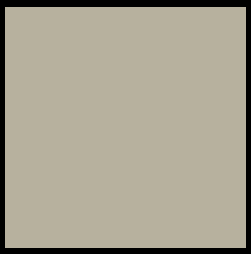
White Background

This preview shows how the RYB color 166, 183, 158 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



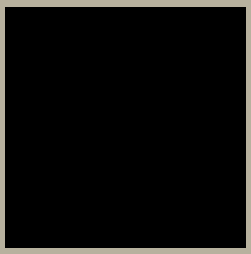
This preview shows how the RYB color 166, 183, 158 looks on a black background.

Color Contrast Check

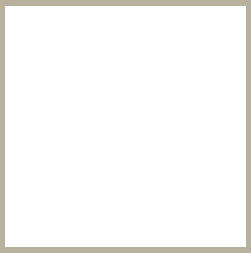
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 166, 183, 158 Background



This preview shows how black text looks on a background with the RYB color 166, 183, 158.



This preview shows how white text looks on a background with the RYB color 166, 183, 158.

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

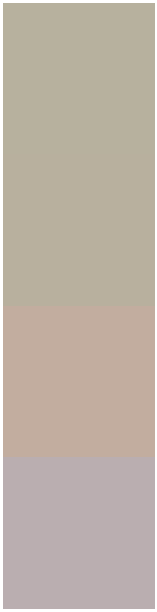
Original Color
166, 183, 158

Protanopia
172, 185, 158

Deuteranopia
201, 176, 159

Tritanopia
187, 173, 186

Trichromacy



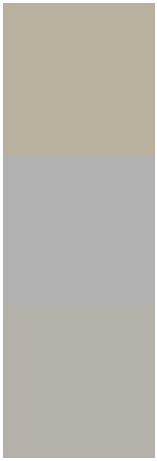
Original Color
166, 183, 158

Protanomaly
170, 184, 158

Deuteranomaly
194, 182, 159

Tritanomaly
186, 174, 176

Monochromacy



Original Color
166, 183, 158

Achromatopsia
177, 177, 177

Achromatomaly
173, 179, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 166, 183, 158 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, 177, 158) looks like.

```
.text, #text, p{
    color:rgb(183, 177, 158)
}
```

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, 177, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 177, 158) }
```

Border

The CSS property to change the border of an element to RYB 166, 183, 158 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, 177, 158) }
```

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

```
.border{ border-color:rgb(183, 177, 158) }
```

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

Here you see how a box with a 4 pixel rgb(183, 177, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 177, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 177, 158); box-shadow:4px 4px 4px 4px rgb(183, 177, 158) }
```

Background

The CSS property to change the background color of an element to RYB 166, 183, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(183, 177, 158) }
```

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

```
.background{ background-color:rgb(183,
177, 158) }
```

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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