

Converting Colors

RGB(191, 189, 166)

Have a look what the booklet for
RGB(191, 189, 166) contains.

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Color

RGB(191, 189, 166)

Conversions

Conversions Part 1

Format	Color
Hex	BFBDA6
RGB	191, 189, 166
RGB Percent	75%, 74%, 65%
CMY	0.2510, 0.2588, 0.3490
CMYK	0.00, 0.01, 0.13, 0.25
HSL	55°, 16%, 70%
HSV	55°, 13%, 75%
XYZ	46.5664, 50.2247, 43.3164
YIQ	186.9760, 8.5750, -6.7290

Conversions

Conversions Part 2

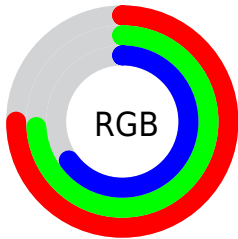
Format	Color
RYB	168, 191, 166
Decimal	12565926
CIELab	76.21, -3.28, 11.88
CIELCh	76, 12.327, 105.411
Yxy	50.2247, 0.3324, 0.3585
Android (android.graphics.Color)	4290756006 (0xFFFBDA6)
YUV	186.9760, -10.3412, 3.5290
Hunter-Lab	70.8694, -6.7339, 13.3697

Details

The RGB color **191, 189, 166** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **166, 168, 191**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **247, 245, 221**, and **137, 136, 114** is the 20% darker color. If you saturate the color by 10%, you get **191, 187, 147**, and if you desaturate by 10%, it is **191, 191, 185**.

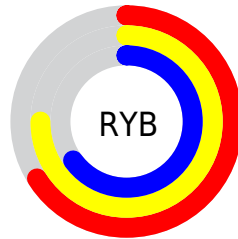
Distribution



Red (75%)

Green (74%)

Blue (65%)



Red (66%)

Yellow (75%)

Blue (65%)

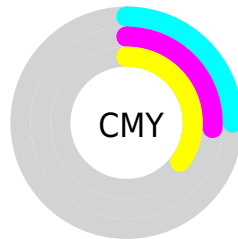


Cyan (0%)

Magenta (1%)

Yellow (13%)

Black (25%)



Cyan (25%)

Magenta (26%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 189, 166 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 191, 189, 166 by changing the saturation by 10% instead.


 191, 189, 166

255, 255, 255

 247, 245, 221

 255, 255, 250

 191, 189, 166

 164, 162, 140

 137, 136, 114

 112, 110, 90

 87, 86, 66

 64, 63, 44

 42, 41, 23

 22, 21, 0

 0, 0, 0

 191, 189, 166

 191, 189, 166

■ 191, 187, 147

■ 191, 191, 185

■ 191, 186, 128

■ 191, 192, 204

■ 191, 184, 109

■ 191, 194, 223

■ 191, 183, 90

■ 191, 195, 242

■ 191, 181, 71

■ 191, 197, 255

■ 191, 180, 51

■ 191, 198, 255

■ 191, 178, 32

■ 191, 200, 255

■ 191, 177, 13

■ 191, 201, 255

■ 191, 176, 0

■ 191, 203, 255

Harmonies

Analogous

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



203, 185, 166



191, 189, 166



178, 192, 172

Triad

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



191, 189, 166



161, 193, 204



208, 181, 194

Complementary

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



191, 189, 166



166, 168, 191

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.



197, 183, 204



191, 189, 166



170, 191, 210

Square

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



191, 189, 166



160, 195, 193



183, 187, 210



212, 180, 182

Rectangle

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



191, 189, 166



170, 194, 178



183, 187, 210



205, 181, 198

Sweetspot

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



191, 189, 166



247, 247, 237



191, 166, 168



125, 124, 119



252, 252, 252



125, 125, 125

Same Dimension

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



191, 189, 166



247, 244, 208



181, 191, 166



94, 94, 85



158, 145, 0



31, 28, 0

Inverse Universe

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



166, 168, 191



208, 211, 247



176, 166, 191



85, 86, 94



0, 13, 158



0, 2, 31

Previews

White Background



This preview shows how the RGB color 191, 189, 166 looks on a white background.

Color Contrast Check

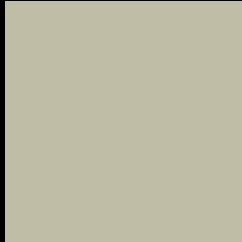
Large Text (above 18pt) WCAG AA × Fail

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 191, 189, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

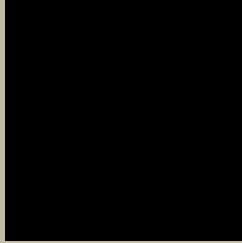
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

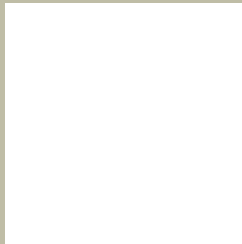
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 191, 189, 166 Background



This preview shows how black text looks on a background with the RGB color 191, 189, 166.



This preview shows how white text looks on a background with the RGB color 191, 189, 166.

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
191, 189, 166

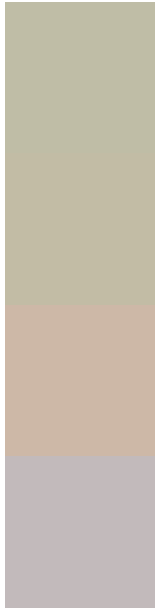
Protanopia
196, 187, 165

Deuteranopia
213, 181, 168



Tritanopia
196, 184, 199

Trichromacy



Original Color

191, 189, 166

Protanomaly

194, 188, 165

Deuteranomaly

205, 184, 167

Tritanomaly

194, 186, 187

Monochromacy



Original Color

191, 189, 166

Achromatopsia

187, 187, 187

Achromatomaly

188, 188, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 189, 166 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(191, 189, 166)` looks like.

```
.text, #text, p{  
    color:rgb(191, 189, 166)  
}
```

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(191, 189, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 189, 166) }
```

Border

The CSS property to change the border of an element to RGB 191, 189, 166 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(191, 189, 166) }
```

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

```
.border{ border-color:rgb(191, 189, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 189, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 189, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 189, 166);  
box-shadow:4px 4px 4px 4px rgb(191, 189,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 191, 189, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 189, 166) }
```

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

```
.background{ background-color: rgb(191,  
189, 166) }
```

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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