

Converting Colors

RGB(193, 181, 146)

Have a look what the booklet for
RGB(193, 181, 146) contains.

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Color

RGB(193, 181, 146)

Conversions

Conversions Part 1

Format	Color
Hex	C1B592
RGB	193, 181, 146
RGB Percent	76%, 71%, 57%
CMY	0.2431, 0.2902, 0.4275
CMYK	0.00, 0.06, 0.24, 0.24
HSL	45°, 27%, 66%
HSV	45°, 24%, 76%
XYZ	43.7045, 46.4605, 33.8584
YIQ	180.5980, 18.3870, -8.3410

Conversions

Conversions Part 2

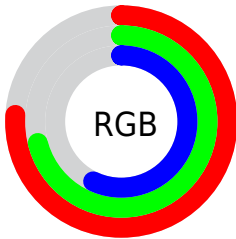
Format	Color
RYB	162, 193, 146
Decimal	12694930
CIELab	73.84, -1.33, 19.40
CIElCh	74, 19.450, 93.933
Yxy	46.4605, 0.3524, 0.3746
Android (android.graphics.Color)	4290885010 (0xFFC1B592)
YUV	180.5980, -17.0568, 10.8766
Hunter-Lab	68.1620, -4.8317, 18.2620

Details

The RGB color **193, 181, 146** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **146, 158, 193**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **250, 237, 200**, and **139, 128, 95** is the 20% darker color. If you saturate the color by 10%, you get **193, 176, 127**, and if you desaturate by 10%, it is **193, 186, 165**.

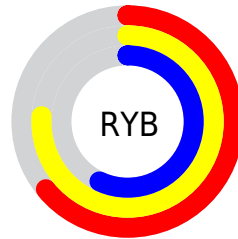
Distribution



Red (76%)

Green (71%)

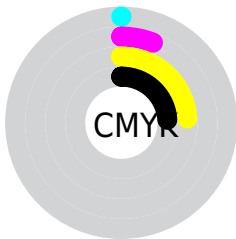
Blue (57%)



Red (64%)

Yellow (76%)

Blue (57%)

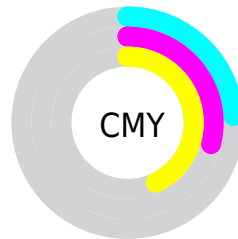


Cyan (0%)

Magenta (6%)

Yellow (24%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 181, 146 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 193, 181, 146 by changing the saturation by 10% instead.

■ 193, 181, 146

255, 255, 255

■ 250, 237, 200

■ 255, 255, 228

■ 193, 181, 146

■ 166, 154, 120

■ 139, 128, 95

■ 113, 103, 71

■ 88, 79, 49

■ 64, 57, 27

■ 42, 35, 2

■ 17, 14, 0


■ 0, 0, 0

■ 193, 181, 146


■ 193, 181, 146

 193, 176, 127


 193, 186, 165

 193, 171, 107

 193, 191, 185

 193, 166, 88


 193, 196, 204

 193, 161, 69


 193, 201, 223

 193, 156, 50

 193, 206, 243

 193, 151, 30

 193, 211, 255

 193, 147, 11

 193, 215, 255

 193, 144, 0

 193, 220, 255

 193, 225, 255

Harmonies

Analogous

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



209, 175, 150



193, 181, 146



173, 186, 152

Triad

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



193, 181, 146



133, 191, 201



207, 171, 197

Complementary

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



193, 181, 146



146, 158, 193

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.



188, 176, 211



193, 181, 146



143, 188, 213

Square

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



193, 181, 146



138, 192, 183



164, 182, 217



217, 169, 180

Rectangle

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



193, 181, 146



160, 189, 160



164, 182, 217



201, 173, 203

Sweetspot

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



193, 181, 146



250, 245, 232



193, 146, 159



125, 122, 115



252, 252, 252



125, 125, 125

Same Dimension

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



193, 181, 146



250, 231, 177



182, 193, 146



97, 94, 87



161, 120, 0



33, 25, 0

Inverse Universe

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



146, 158, 193



177, 196, 250



157, 146, 193



87, 90, 97



0, 41, 161



0, 8, 33

Previews

White Background



This preview shows how the RGB color 193, 181, 146 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 193, 181, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

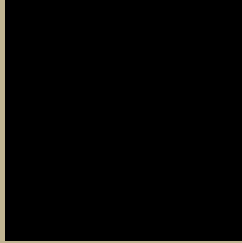
Any Text WCAG AA ✓ Pass

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 193, 181, 146 Background



This preview shows how black text looks on a background with the RGB color 193, 181, 146.



This preview shows how white text looks on a background with the RGB color 193, 181, 146.

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
193, 181, 146

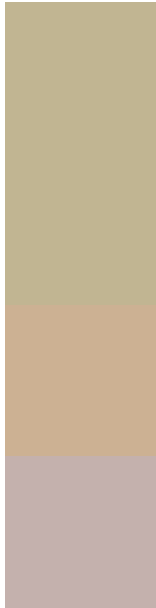
Protanopia
193, 181, 146

Deuteranopia
211, 174, 147



Tritanopia
198, 175, 189

Trichromacy



Original Color

193, 181, 146

Protanomaly

193, 181, 146

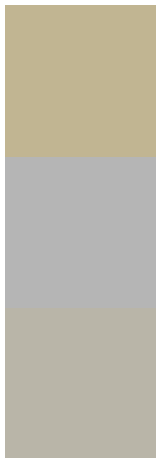
Deuteranomaly

204, 177, 147

Tritanomaly

196, 177, 173

Monochromacy



Original Color

193, 181, 146

Achromatopsia

181, 181, 181

Achromatomaly

185, 181, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 181, 146 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(193, 181, 146)` looks like.

```
.text, #text, p{  
    color:rgb(193, 181, 146)  
}
```

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(193, 181, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 181, 146) }
```

Border

The CSS property to change the border of an element to RGB 193, 181, 146 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(193, 181, 146) }
```

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

```
.border{ border-color:rgb(193, 181, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 181, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 181, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 181, 146);  
box-shadow:4px 4px 4px 4px rgb(193, 181,  
146) }
```

Background

The CSS property to change the background color of an element to RGB 193, 181, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 181, 146) }
```

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

```
.background{ background-color: rgb(193,  
181, 146) }
```

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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