

Converting Colors

RGB(197, 186, 94)

Have a look what the booklet for
RGB(197, 186, 94) contains.

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Color

RGB(197, 186, 94)

Conversions

Conversions Part 1

Format	Color
Hex	C5BA5E
RGB	197, 186, 94
RGB Percent	77%, 73%, 37%
CMY	0.2275, 0.2706, 0.6314
CMYK	0.00, 0.06, 0.52, 0.23
HSL	54°, 47%, 57%
HSV	54°, 52%, 77%
XYZ	42.6052, 47.7963, 17.5697
YIQ	178.8010, 36.0880, -26.2800

Conversions

Conversions Part 2

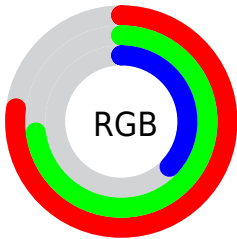
Format	Color
RYB	106, 197, 94
Decimal	12958302
CIELab	74.70, -8.27, 47.49
CIELCh	75, 48.204, 99.883
Yxy	47.7963, 0.3946, 0.4427
Android (android.graphics.Color)	4291148382 (0xFFC5BA5E)
YUV	178.8010, -41.8069, 15.9605
Hunter-Lab	69.1349, -10.9831, 33.3266

Details

The RGB color **197, 186, 94** is a light color, and the websafe version is hex **C6C666**. The color can be described as light muted orange. A complement of this color would be **94, 105, 197**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **255, 242, 147**, and **141, 133, 43** is the 20% darker color. If you saturate the color by 10%, you get **197, 184, 74**, and if you desaturate by 10%, it is **197, 188, 114**.

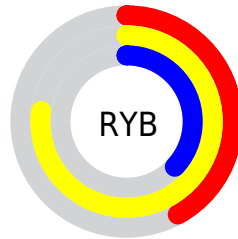
Distribution



Red (77%)

Green (73%)

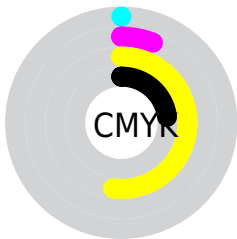
Blue (37%)



Red (42%)

Yellow (77%)

Blue (37%)

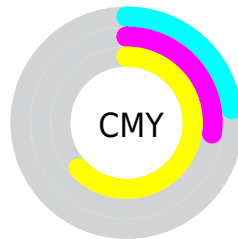


Cyan (0%)

Magenta (6%)

Yellow (52%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the RGB color 197, 186, 94 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 197, 186, 94 by changing the saturation by 10% instead.


 197, 186, 94

 197, 186, 94


255, 255, 255

 169, 159, 68

 255, 242, 147

 141, 133, 43

 255, 255, 174

 114, 108, 14

 255, 255, 202

 87, 84, 0

 255, 255, 230

 62, 61, 0

 37, 39, 0

 5, 20, 0

 0, 0, 0

 197, 186, 94

 197, 186, 94

197, 184, 74

197, 188, 114

197, 182, 55

197, 190, 133

197, 180, 35

197, 192, 153

197, 178, 15

197, 194, 173

197, 176, 0

197, 197, 193

197, 199, 212

197, 201, 232

197, 203, 252

197, 205, 255

Harmonies

Analogous

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



236, 171, 100



197, 186, 94



149, 198, 114

Triad

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



197, 186, 94



0, 204, 239



250, 152, 215

Complementary

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



197, 186, 94



94, 105, 197

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.



207, 167, 252



197, 186, 94



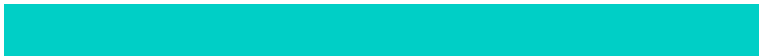
5, 197, 255

Square

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



197, 186, 94



0, 207, 198



139, 183, 255



255, 148, 171

Rectangle

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



197, 186, 94



111, 203, 138



139, 183, 255



239, 156, 229

Sweetspot

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



197, 186, 94



255, 251, 214



197, 94, 106



128, 125, 103



0, 0, 0



128, 128, 128

Same Dimension

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



197, 186, 94



255, 238, 94



158, 197, 94



99, 98, 90



163, 146, 0



36, 32, 0

Inverse Universe

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



94, 105, 197



94, 112, 255



133, 94, 197



90, 91, 99



0, 17, 163



0, 4, 36

Previews

White Background



This preview shows how the RGB color 197, 186, 94 looks on a white background.

Color Contrast Check

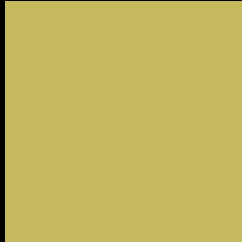
Large Text (above 18pt) WCAG AA × Fail

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 197, 186, 94 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 197, 186, 94 Background



This preview shows how black text looks on a background with the RGB color 197, 186, 94.



This preview shows how white text looks on a background with the RGB color 197, 186, 94.

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
197, 186, 94

Protanopia
203, 184, 93

Deuteranopia
225, 175, 97



Tritanopia

206, 175, 189

Trichromacy



Original Color
197, 186, 94

Protanomaly
201, 185, 93

Deuteranomaly
215, 179, 96

Tritanomaly
203, 179, 154

Monochromacy



Original Color
197, 186, 94

Achromatopsia
179, 179, 179

Achromatomaly
186, 182, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 197, 186, 94 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(197, 186, 94)` looks like.

```
.text, #text, p{  
    color:rgb(197, 186, 94)  
}
```

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(197, 186, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 186, 94) }
```

Border

The CSS property to change the border of an element to RGB 197, 186, 94 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(197, 186, 94) }
```

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

```
.border{ border-color:rgb(197, 186, 94) }
```

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

Here you see how a box with a 4 pixel rgb(197, 186, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 186, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 186, 94);  
box-shadow:4px 4px 4px 4px rgb(197, 186,  
94) }
```

Background

The CSS property to change the background color of an element to RGB 197, 186, 94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 186, 94) }
```

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

```
.background{ background-color: rgb(197,  
186, 94) }
```

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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