

Converting Colors

RGB(201, 186, 102)

Have a look what the booklet for
RGB(201, 186, 102) contains.

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Color

RGB(201, 186, 102)

Conversions

Conversions Part 1

Format	Color
Hex	C9BA66
RGB	201, 186, 102
RGB Percent	79%, 73%, 40%
CMY	0.2118, 0.2706, 0.6000
CMYK	0.00, 0.07, 0.49, 0.21
HSL	51°, 48%, 59%
HSV	51°, 49%, 79%
XYZ	44.0446, 48.4946, 19.6094
YIQ	180.9090, 35.9040, -22.9440

Conversions

Conversions Part 2

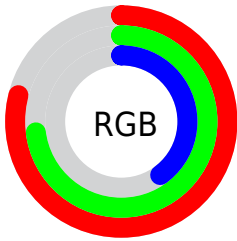
Format	Color
RYB	120, 201, 102
Decimal	13220454
CIELab	75.14, -5.91, 44.19
CIELCh	75, 44.579, 97.614
Yxy	48.4946, 0.3927, 0.4324
Android (android.graphics.Color)	4291410534 (0xFFC9BA66)
YUV	180.9090, -38.9021, 17.6198
Hunter-Lab	69.6381, -8.9693, 32.0512

Details

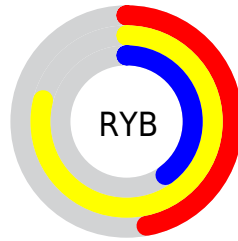
The RGB color **201, 186, 102** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **102, 117, 201**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 242, 155**, and **145, 133, 52** is the 20% darker color. If you saturate the color by 10%, you get **201, 183, 82**, and if you desaturate by 10%, it is **201, 189, 122**.

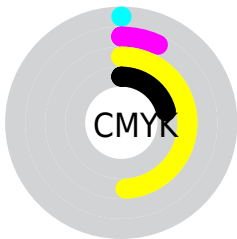
Distribution



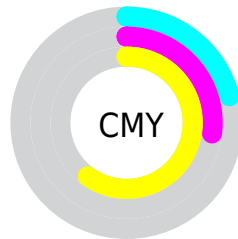
- Red (79%)
- Green (73%)
- Blue (40%)



- Red (47%)
- Yellow (79%)
- Blue (40%)



- Cyan (0%)
- Magenta (7%)
- Yellow (49%)
- Black (21%)




- Cyan (21%)
- Magenta (27%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 186, 102 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 201, 186, 102 by changing the saturation by 10% instead.

 201, 186, 102


255, 255, 255

 255, 242, 155

 255, 255, 182

 255, 255, 210


 255, 255, 239

 201, 186, 102

 173, 159, 77

 145, 133, 52

 118, 108, 26


 91, 84, 0


 67, 61, 0

 41, 39, 0

 13, 20, 0

 0, 0, 0

 201, 186, 102

 201, 186, 102

■ 201, 183, 82

■ 201, 189, 122

■ 201, 180, 62

■ 201, 192, 142

■ 201, 177, 42

■ 201, 195, 162

■ 201, 174, 22

■ 201, 198, 182

■ 201, 171, 1

■ 201, 201, 203

■ 201, 171, 0

■ 201, 204, 223

■ 201, 207, 243

■ 201, 210, 255

■ 201, 213, 255

Harmonies

Analogous

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



237, 172, 109



201, 186, 102



157, 197, 118

Triad

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



201, 186, 102



0, 205, 234



245, 157, 217

Complementary

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



201, 186, 102



102, 117, 201

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.



203, 170, 250



201, 186, 102



51, 198, 255

Square

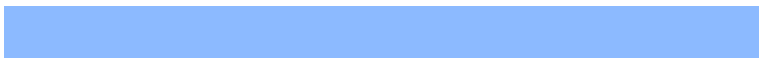
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



201, 186, 102



15, 207, 194



140, 186, 255



255, 152, 176

Rectangle

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



201, 186, 102



123, 202, 140



140, 186, 255



233, 161, 230

Sweetspot

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



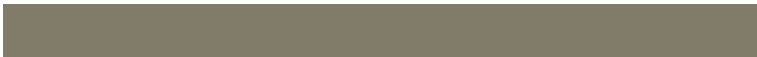
201, 186, 102



255, 249, 217



201, 102, 119



128, 124, 105



0, 0, 0



128, 128, 128

Same Dimension

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



201, 186, 102



255, 232, 105



168, 201, 102



99, 98, 90



163, 138, 0



36, 30, 0

Inverse Universe

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



102, 117, 201



105, 127, 255



135, 102, 201



90, 91, 99



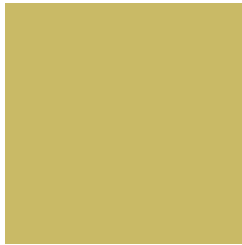
0, 25, 163



0, 5, 36

Previews

White Background



This preview shows how the RGB color 201, 186, 102 looks on a white background.

Color Contrast Check

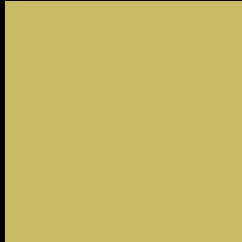
Large Text (above 18pt) WCAG AA × Fail

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 201, 186, 102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

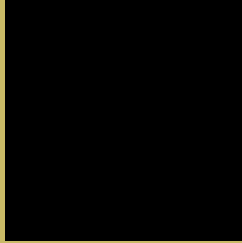
Any Text WCAG AA ✓ Pass

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 201, 186, 102 Background



This preview shows how black text looks on a background with the RGB color 201, 186, 102.

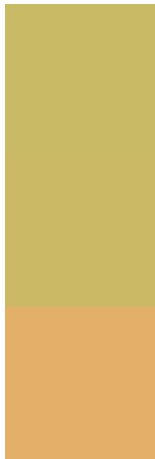


This preview shows how white text looks on a background with the RGB color 201, 186, 102.

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
201, 186, 102

Protanopia
204, 185, 102

Deuteranopia
226, 176, 104



Tritanopia
210, 176, 190

Trichromacy



Original Color
201, 186, 102

Protanomaly
203, 185, 102

Deuteranomaly
217, 180, 103

Tritanomaly
207, 180, 158

Monochromacy



Original Color
201, 186, 102

Achromatopsia
181, 181, 181

Achromatomaly
188, 183, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 186, 102 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(201, 186, 102)` looks like.

```
.text, #text, p{  
    color:rgb(201, 186, 102)  
}
```

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(201, 186, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 186, 102) }
```

Border

The CSS property to change the border of an element to RGB 201, 186, 102 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(201, 186, 102) }
```

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

```
.border{ border-color:rgb(201, 186, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 186, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 186, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 186, 102); box-shadow:4px 4px 4px 4px rgb(201, 186, 102) }
```

Background

The CSS property to change the background color of an element to RGB 201, 186, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 186, 102) }
```

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

```
.background{ background-color: rgb(201,  
186, 102) }
```

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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