

Converting Colors

RGB(200, 166, 109)

Have a look what the booklet for
RGB(200, 166, 109) contains.

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Color

RGB(200, 166, 109)

Conversions

Conversions Part 1

Format	Color
Hex	C8A66D
RGB	200, 166, 109
RGB Percent	78%, 65%, 43%
CMY	0.2157, 0.3490, 0.5725
CMYK	0.00, 0.17, 0.45, 0.22
HSL	38°, 45%, 61%
HSV	38°, 46%, 78%
XYZ	40.2160, 40.6559, 20.1958
YIQ	169.6680, 38.5610, -10.5190

Conversions

Conversions Part 2

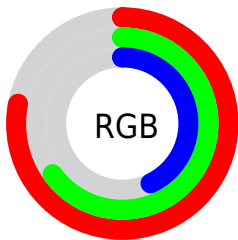
Format	Color
RYB	163, 200, 109
Decimal	13149805
CIELab	69.93, 4.96, 34.10
CIElCh	70, 34.462, 81.722
Yxy	40.6559, 0.3979, 0.4023
Android (android.graphics.Color)	4291339885 (0xFFC8A66D)
YUV	169.6680, -29.9093, 26.6012
Hunter-Lab	63.7620, 1.0000, 25.8541

Details

The RGB color **200, 166, 109** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **109, 143, 200**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **255, 221, 161**, and **144, 114, 60** is the 20% darker color. If you saturate the color by 10%, you get **200, 159, 89**, and if you desaturate by 10%, it is **200, 173, 129**.

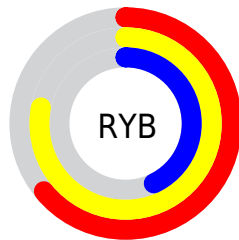
Distribution



Red (78%)

Green (65%)

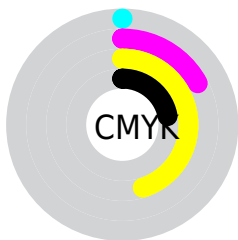
Blue (43%)



Red (64%)

Yellow (78%)

Blue (43%)

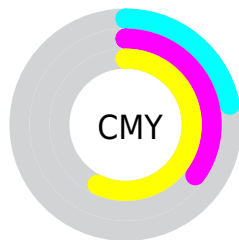


Cyan (0%)

Magenta (17%)

Yellow (45%)

Black (22%)



Cyan (22%)

Magenta (35%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 166, 109 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 200, 166, 109 by changing the saturation by 10% instead.

 200, 166, 109

255, 255, 255

 255, 221, 161

 255, 249, 189

 255, 255, 217


 255, 255, 245

 200, 166, 109


 172, 140, 84

 144, 114, 60

 117, 90, 37

 91, 67, 13

 66, 44, 0


 41, 24, 0


 12, 0, 0


 0, 0, 0


 200, 166, 109


 200, 166, 109


 200, 159, 89


 200, 173, 129


 200, 151, 69

 200, 181, 149

 200, 144, 49


 200, 188, 169

 200, 136, 29

 200, 196, 189

 200, 129, 9

 200, 203, 209

 200, 125, 0

 200, 211, 229

 200, 218, 249

 200, 226, 255

 200, 233, 255

Harmonies

Analogous

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



223, 155, 123



200, 166, 109



169, 176, 112

Triad

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



200, 166, 109



61, 188, 193



202, 155, 210

Complementary

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



200, 166, 109



109, 143, 200

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.



163, 166, 229



200, 166, 109



68, 184, 219

Square

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



200, 166, 109



94, 187, 161



114, 177, 232



226, 148, 181

Rectangle

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



200, 166, 109



145, 181, 123



114, 177, 232



190, 158, 218

Sweetspot

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



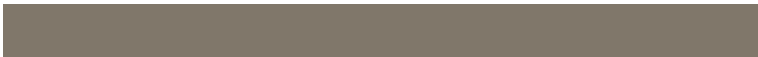
200, 166, 109



255, 242, 219



200, 109, 144



128, 119, 106



0, 0, 0



128, 128, 128

Same Dimension

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



200, 166, 109



255, 203, 115



189, 200, 109



99, 96, 90



163, 102, 0



36, 22, 0

Inverse Universe

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



109, 143, 200



115, 167, 255



120, 109, 200



90, 93, 99



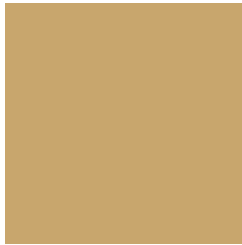
0, 61, 163



0, 13, 36

Previews

White Background



This preview shows how the RGB color 200, 166, 109 looks on a white background.

Color Contrast Check

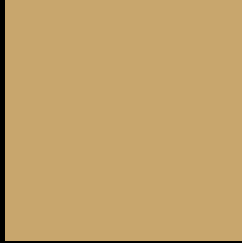
Large Text (above 18pt) WCAG AA × Fail

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 200, 166, 109 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 200, 166, 109 Background



This preview shows how black text looks on a background with the RGB color 200, 166, 109.



This preview shows how white text looks on a background with the RGB color 200, 166, 109.

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
200, 166, 109

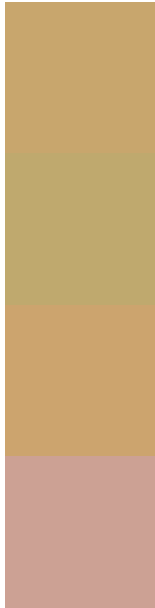
Protanopia
186, 171, 111

Deuteranopia
206, 163, 110



Tritanopia
206, 158, 171

Trichromacy



Original Color
200, 166, 109

Protanomaly
191, 169, 110

Deuteranomaly
204, 164, 110

Tritanomaly
204, 161, 148

Monochromacy



Original Color
200, 166, 109

Achromatopsia
170, 170, 170

Achromatomaly
181, 169, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 166, 109 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(200, 166, 109)` looks like.

```
.text, #text, p{  
    color:rgb(200, 166, 109)  
}
```

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(200, 166, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 166, 109) }
```

Border

The CSS property to change the border of an element to RGB 200, 166, 109 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(200, 166, 109) }
```

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

```
.border{ border-color:rgb(200, 166, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 166, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 166, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 166, 109);  
box-shadow:4px 4px 4px 4px rgb(200, 166,  
109) }
```

Background

The CSS property to change the background color of an element to RGB 200, 166, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 166, 109) }
```

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

```
.background{ background-color: rgb(200,  
166, 109) }
```

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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