

Converting Colors

RGB(211, 156, 109)

Have a look what the booklet for
RGB(211, 156, 109) contains.

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Color

RGB(211, 156, 109)

Conversions

Conversions Part 1

Format	Color
Hex	D39C6D
RGB	211, 156, 109
RGB Percent	83%, 61%, 43%
CMY	0.1725, 0.3882, 0.5725
CMYK	0.00, 0.26, 0.48, 0.17
HSL	28°, 54%, 63%
HSV	28°, 48%, 83%
XYZ	41.5128, 38.7299, 19.7557
YIQ	167.0870, 47.8670, -2.9570

Conversions

Conversions Part 2

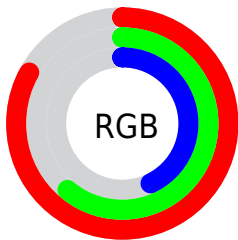
Format	Color
RYB	211, 196, 109
Decimal	13868141
CIELab	68.56, 14.90, 32.56
CIElCh	69, 35.807, 65.414
Yxy	38.7299, 0.4151, 0.3873
Android (android.graphics.Color)	4292058221 (0xFFD39C6D)
YUV	167.0870, -28.6369, 38.5117
Hunter-Lab	62.2334, 10.1599, 24.7421

Details

The RGB color **211, 156, 109** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **109, 164, 211**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **255, 211, 161**, and **154, 105, 60** is the 20% darker color. If you saturate the color by 10%, you get **211, 145, 88**, and if you desaturate by 10%, it is **211, 167, 130**.

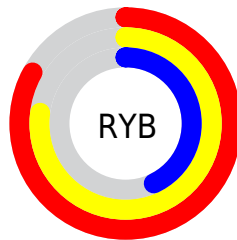
Distribution



Red (83%)

Green (61%)

Blue (43%)



Red (83%)

Yellow (77%)

Blue (43%)

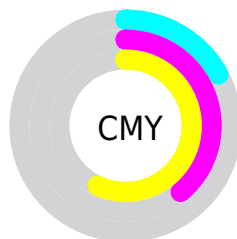


Cyan (0%)

Magenta (26%)

Yellow (48%)

Black (17%)



Cyan (17%)


Magenta (39%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 211, 156, 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 211, 156, 109 by changing the saturation by 10% instead.

 211, 156, 109


255, 255, 255

 255, 211, 161

 255, 239, 188

 255, 255, 216

 255, 255, 245

 211, 156, 109

 182, 130, 84

 154, 105, 60

 126, 81, 37


 99, 57, 15


 74, 35, 0


 47, 15, 0


 20, 0, 0


 0, 0, 0


 211, 156, 109


 211, 156, 109


 211, 145, 88


 211, 167, 130


 211, 133, 67


 211, 179, 151


 211, 122, 46


 211, 190, 172


 211, 110, 25


 211, 202, 193

 211, 99, 4

 211, 213, 215

 211, 97, 0

 211, 224, 236

 211, 236, 255

 211, 247, 255

 211, 255, 255

Harmonies

Analogous

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



228, 146, 131



211, 156, 109



183, 167, 102

Triad

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



211, 156, 109



67, 185, 172



179, 157, 220

Complementary

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



211, 156, 109



109, 164, 211

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.



131, 168, 231



211, 156, 109



39, 183, 204

Square

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



211, 156, 109



109, 182, 139



76, 178, 225



213, 146, 195

Rectangle

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



211, 156, 109



160, 174, 108



76, 178, 225



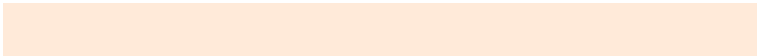
164, 161, 226

Sweetspot

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



211, 156, 109



255, 234, 217



211, 109, 165



128, 115, 105



0, 0, 0



128, 128, 128

Same Dimension

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



211, 156, 109



255, 175, 107



211, 206, 109



105, 99, 94



168, 78, 0



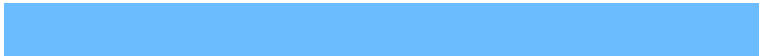
41, 19, 0

Inverse Universe

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



109, 164, 211



107, 187, 255



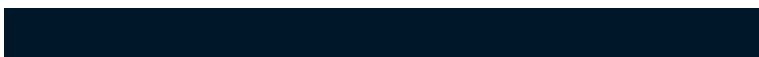
109, 114, 211



94, 100, 105



0, 91, 168



0, 22, 41

Previews

White Background



This preview shows how the RGB color 211, 156, 109 looks on a white background.

Color Contrast Check

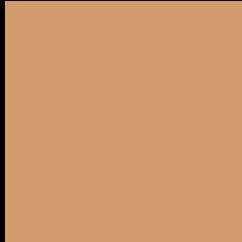
Large Text (above 18pt) WCAG AA × Fail

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 211, 156, 109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

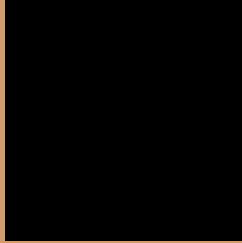
Any Text WCAG AA ✓ Pass

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 211, 156, 109 Background



This preview shows how black text looks on a background with the RGB color 211, 156, 109.



This preview shows how white text looks on a background with the RGB color 211, 156, 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
211, 156, 109

Protanopia
181, 167, 114

Deuteranopia
202, 160, 108



Tritanopia
216, 149, 161

Trichromacy



Original Color

211, 156, 109

Protanomaly

192, 163, 112

Deuteranomaly

205, 159, 108

Tritanomaly

214, 152, 142

Monochromacy



Original Color

211, 156, 109

Achromatopsia

167, 167, 167

Achromatomaly

183, 163, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 211, 156, 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(211, 156, 109)` looks like.

```
.text, #text, p{  
    color:rgb(211, 156, 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(211, 156, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 156, 109) }
```

Border

The CSS property to change the border of an element to RGB 211, 156, 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(211, 156, 109) }
```

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

```
.border{ border-color:rgb(211, 156, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 156, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 156, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 156, 109); box-shadow:4px 4px 4px 4px rgb(211, 156, 109) }
```

Background

The CSS property to change the background color of an element to RGB 211, 156, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 156, 109) }
```

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

```
.background{ background-color: rgb(211,  
156, 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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