

# Converting Colors

RGB(211, 152, 116)

Have a look what the booklet for  
RGB(211, 152, 116) contains.

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# **Color**

**RGB(211, 152, 116)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D39874
RGB	211, 152, 116
RGB Percent	83%, 60%, 45%
CMY	0.1725, 0.4039, 0.5451
CMYK	0.00, 0.28, 0.45, 0.17
HSL	23°, 52%, 64%
HSV	23°, 45%, 83%
XYZ	41.2446, 37.5663, 21.6002
YIQ	165.5370, 46.7200, 1.3120

# Conversions

## Conversions Part 2

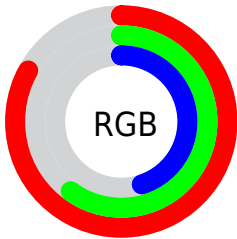
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	211, 174, 116
Decimal	13867124
CIE Lab	67.70, 17.77, 27.67
CIE LCh	68, 32.879, 57.293
Yxy	37.5663, 0.4108, 0.3741
Android (android.graphics.Color)	4292057204 (0xFFD39874)
YUV	165.5370, -24.4217, 39.8711
Hunter-Lab	61.2914, 12.8575, 22.0091

# Details

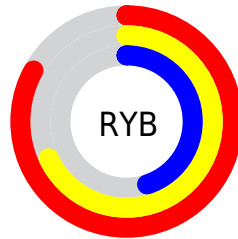
The RGB color **211, 152, 116** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **116, 175, 211**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **255, 206, 168**, and **154, 101, 67** is the 20% darker color. If you saturate the color by 10%, you get **211, 139, 95**, and if you desaturate by 10%, it is **211, 165, 137**.

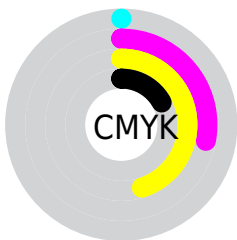
# Distribution



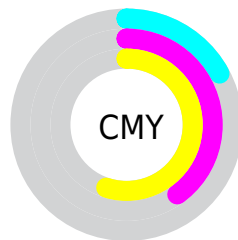
- Red (83%)
- Green (60%)
- Blue (45%)



- Red (83%)
- Yellow (68%)
- Blue (45%)



- Cyan (0%)
- Magenta (28%)
- Yellow (45%)
- Black (17%)




- Cyan (17%)
- Magenta (40%)
- Yellow (55%)


# Brightness & Saturation Gradients

These gradients show how the RGB color 211, 152, 116 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, 152, 116 by changing the saturation by 10% instead.



 211, 152, 116

 211, 152, 116

255, 255, 255

 182, 126, 91

 255, 206, 168

 154, 101, 67

 255, 235, 196

 126, 77, 44

 255, 255, 224

 100, 54, 23

 255, 255, 252


 74, 32, 0


 48, 11, 0


 18, 0, 0


 0, 0, 0


 211, 152, 116


 211, 152, 116


 211, 139, 95


 211, 165, 137

 211, 126, 74


 211, 178, 158


 211, 113, 53


 211, 191, 179

 211, 100, 32

 211, 204, 200


 211, 86, 11

 211, 218, 221

 211, 80, 0

 211, 231, 243

 211, 244, 255

 211, 255, 255

# Harmonies

## Analogous

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



223, 144, 139



211, 152, 116



188, 162, 106

# Triad

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



211, 152, 116



86, 181, 161



165, 158, 218

# Complementary

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



211, 152, 116



116, 175, 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.



120, 169, 224



211, 152, 116



60, 180, 191

# Square

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



211, 152, 116



122, 178, 132



76, 176, 214



200, 148, 197

# Rectangle

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



211, 152, 116



168, 169, 108



76, 176, 214



151, 162, 221

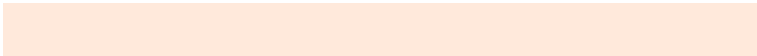


# Sweetspot

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



211, 152, 116



255, 233, 219



211, 116, 176



128, 114, 106



0, 0, 0



128, 128, 128



# Same Dimension

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



211, 152, 116



255, 169, 117



211, 198, 116



105, 98, 94



168, 64, 0



41, 15, 0



# Inverse Universe

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



116, 175, 211



117, 203, 255



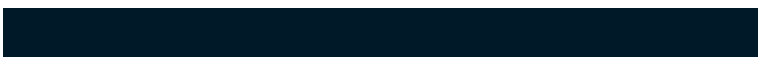
116, 129, 211



94, 101, 105



0, 105, 168



0, 25, 41



# Previews

## White Background



This preview shows how the RGB color 211, 152, 116 looks on a white background.

## Color Contrast Check

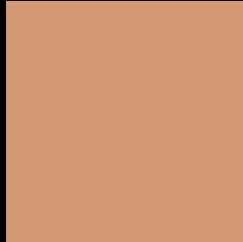
Large Text (above 18pt) WCAG AA × Fail

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, 152, 116 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

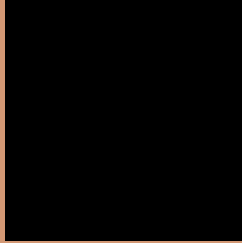
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 211, 152, 116 Background



This preview shows how black text looks on a background with the RGB color 211, 152, 116.



This preview shows how white text looks on a background with the RGB color 211, 152, 116.

# 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, 152, 116

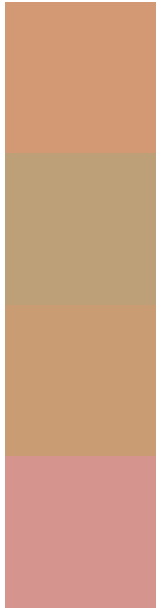
**Protanopia**  
177, 165, 122

**Deuteranopia**  
197, 158, 115



**Tritanopia**  
215, 146, 158

# Trichromacy



**Original Color**  
211, 152, 116

**Protanomaly**  
189, 160, 120

**Deuteranomaly**  
202, 156, 115

**Tritanomaly**  
214, 148, 143

# Monochromacy



**Original Color**  
211, 152, 116

**Achromatopsia**  
166, 166, 166

**Achromatomaly**  
182, 161, 148

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 211, 152, 116 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, 152, 116)` looks like.

```
.text, #text, p{  
    color:rgb(211, 152, 116)  
}
```

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, 152, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 152, 116) }
```

## Border

The CSS property to change the border of an element to RGB 211, 152, 116 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, 152, 116) }
```

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

```
.border{ border-color:rgb(211, 152, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 152, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 152, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 152, 116); box-shadow:4px 4px 4px 4px rgb(211, 152, 116) }
```

# Background

The CSS property to change the background color of an element to RGB 211, 152, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 152, 116) }
```

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

```
.background{ background-color: rgb(211,  
152, 116) }
```

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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