

Converting Colors

RGB(198, 150, 109)

Have a look what the booklet for
RGB(198, 150, 109) contains.

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Color

RGB(198, 150, 109)

Conversions

Conversions Part 1

Format	Color
Hex	C6966D
RGB	198, 150, 109
RGB Percent	78%, 59%, 43%
CMY	0.2235, 0.4118, 0.5725
CMYK	0.00, 0.24, 0.45, 0.22
HSL	28°, 44%, 60%
HSV	28°, 45%, 78%
XYZ	36.9554, 34.9226, 19.2610
YIQ	159.6780, 41.7690, -2.5750

Conversions

Conversions Part 2

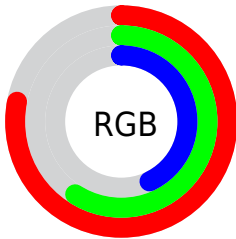
Format	Color
R _Y B	198, 185, 109
Decimal	13014637
CIE Lab	65.69, 12.83, 28.57
CIE LCh	66, 31.319, 65.816
Yxy	34.9226, 0.4055, 0.3832
Android (android.graphics.Color)	4291204717 (0xFFC6966D)
YUV	159.6780, -24.9843, 33.6084
Hunter-Lab	59.0953, 8.2084, 22.0423

Details

The RGB color **198, 150, 109** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **109, 157, 198**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **255, 204, 161**, and **142, 99, 61** is the 20% darker color. If you saturate the color by 10%, you get **198, 139, 89**, and if you desaturate by 10%, it is **198, 161, 129**.

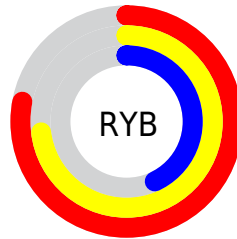
Distribution



Red (78%)

Green (59%)

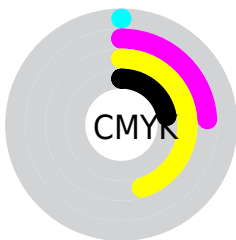
Blue (43%)



Red (78%)

Yellow (73%)

Blue (43%)

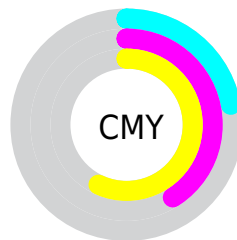


Cyan (0%)

Magenta (24%)

Yellow (45%)

Black (22%)



Cyan (22%)

Magenta (41%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 150, 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 198, 150, 109 by changing the saturation by 10% instead.

 198, 150, 109

255, 255, 255

 255, 204, 161

 255, 232, 188


 255, 255, 216

 255, 255, 245

 198, 150, 109

 170, 124, 84

 142, 99, 61

 115, 75, 38

 89, 52, 16

 64, 31, 0


 39, 10, 0


 0, 0, 0

 198, 150, 109


 198, 139, 89


 198, 150, 109


 198, 161, 129

 198, 129, 69

 198, 171, 149

 198, 118, 50

 198, 182, 168

 198, 107, 30

 198, 193, 188

 198, 97, 10

 198, 203, 208

 198, 91, 0

 198, 214, 228

 198, 225, 248

 198, 235, 255

 198, 246, 255

Harmonies

Analogous

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



213, 142, 128



198, 150, 109



173, 160, 103

Triad

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



198, 150, 109



77, 175, 164



170, 150, 205

Complementary

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



198, 150, 109



109, 157, 198

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.



130, 160, 215



198, 150, 109



62, 174, 191

Square

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



198, 150, 109



110, 173, 136



87, 169, 210



200, 142, 183

Rectangle

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



198, 150, 109



154, 165, 108



87, 169, 210



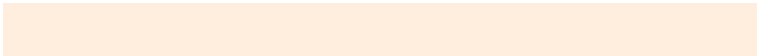
158, 154, 210

Sweetspot

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



198, 150, 109



255, 237, 222



198, 109, 158



128, 116, 107



0, 0, 0



128, 128, 128

Same Dimension

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



198, 150, 109



255, 181, 117



198, 194, 109



99, 94, 90



163, 75, 0



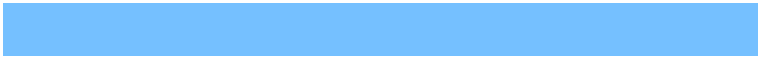
36, 16, 0

Inverse Universe

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



109, 157, 198



117, 192, 255



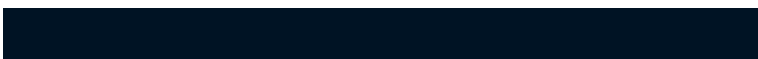
109, 113, 198



90, 95, 99



0, 88, 163



0, 19, 36

Previews

White Background



This preview shows how the RGB color 198, 150, 109 looks on a white background.

Color Contrast Check

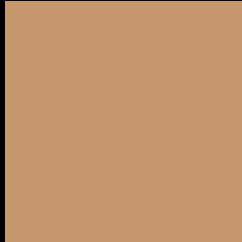
Large Text (above 18pt) WCAG AA × Fail

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 198, 150, 109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

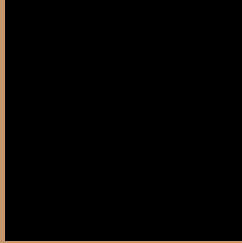
Any Text WCAG AA ✓ Pass

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 198, 150, 109 Background



This preview shows how black text looks on a background with the RGB color 198, 150, 109.



This preview shows how white text looks on a background with the RGB color 198, 150, 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
198, 150, 109

Protanopia
172, 160, 113

Deuteranopia
191, 153, 108



Tritanopia

202, 144, 155

Trichromacy



Original Color

198, 150, 109

Protanomaly

181, 156, 112

Deuteranomaly

194, 152, 108

Tritanomaly

201, 146, 138

Monochromacy



Original Color

198, 150, 109

Achromatopsia

160, 160, 160

Achromatomaly

174, 156, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 150, 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(198, 150, 109)` looks like.

```
.text, #text, p{  
    color:rgb(198, 150, 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(198, 150, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 150, 109) }
```

Border

The CSS property to change the border of an element to RGB 198, 150, 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(198, 150, 109) }
```

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

```
.border{ border-color:rgb(198, 150, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 150, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 150, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 150, 109);  
box-shadow:4px 4px 4px 4px rgb(198, 150,  
109) }
```

Background

The CSS property to change the background color of an element to RGB 198, 150, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 150, 109) }
```

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

```
.background{ background-color: rgb(198,  
150, 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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