

Converting Colors

RGB(216, 156, 124)

Have a look what the booklet for
RGB(216, 156, 124) contains.

RGB(216, 156, 124)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(216, 156, 124)

Conversions

Conversions Part 1

Format	Color
Hex	D89C7C
RGB	216, 156, 124
RGB Percent	85%, 61%, 49%
CMY	0.1529, 0.3882, 0.5137
CMYK	0.00, 0.28, 0.43, 0.15
HSL	21°, 54%, 67%
HSV	21°, 43%, 85%
XYZ	43.8455, 39.8311, 24.4460
YIQ	170.2920, 46.0320, 2.7680

Conversions

Conversions Part 2

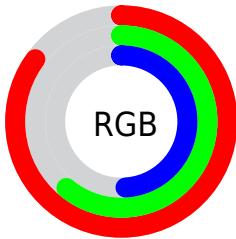
Format	Color
R_{YB}	216, 173, 124
Decimal	14195836
CIE Lab	69.35, 18.45, 25.60
CIE LCh	69, 31.554, 54.213
Yxy	39.8311, 0.4055, 0.3684
Android (android.graphics.Color)	4292385916 (0xFFD89C7C)
YUV	170.2920, -22.8220, 40.0859
Hunter-Lab	63.1119, 13.5628, 21.2127

Details

The RGB color **216, 156, 124** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **124, 184, 216**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **255, 211, 177**, and **159, 105, 75** is the 20% darker color. If you saturate the color by 10%, you get **216, 142, 102**, and if you desaturate by 10%, it is **216, 170, 146**.

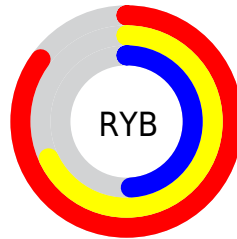
Distribution



Red (85%)

Green (61%)

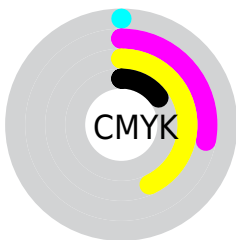
Blue (49%)



Red (85%)

Yellow (68%)

Blue (49%)

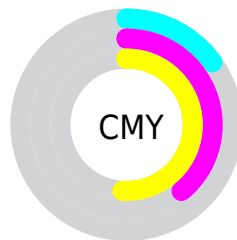


Cyan (0%)

Magenta (28%)

Yellow (43%)

Black (15%)



Cyan (15%)

Magenta (39%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 156, 124 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 216, 156, 124 by changing the saturation by 10% instead.


 216, 156, 124

255, 255, 255

 255, 211, 177


 255, 239, 204

 255, 255, 233

 216, 156, 124

 187, 130, 99

 159, 105, 75

 131, 80, 52

 104, 57, 30


 78, 35, 7

 53, 14, 0

 29, 0, 1


 0, 0, 0

 216, 156, 124


 216, 156, 124

 216, 142, 102

 216, 170, 146

 216, 128, 81

 216, 184, 167

 216, 114, 59

 216, 198, 189

 216, 100, 38

 216, 212, 210

 216, 86, 16

 216, 226, 232

 216, 75, 0

 216, 241, 254

 216, 255, 255

 216, 255, 255

Harmonies

Analogous

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



226, 149, 147



216, 156, 124



194, 166, 112

Triad

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



216, 156, 124



99, 185, 163



166, 164, 221

Complementary

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



216, 156, 124



124, 184, 216

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.



123, 174, 226



216, 156, 124



75, 185, 192

Square

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



216, 156, 124



132, 181, 135



84, 181, 215



200, 154, 203

Rectangle

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



216, 156, 124



175, 172, 113



84, 181, 215



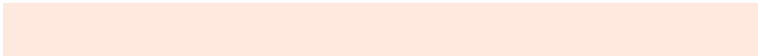
152, 167, 224

Sweetspot

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



216, 156, 124



255, 233, 222



216, 124, 185



128, 114, 107



0, 0, 0



128, 128, 128

Same Dimension

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



216, 156, 124



255, 170, 125



216, 201, 124



107, 100, 96



171, 59, 0



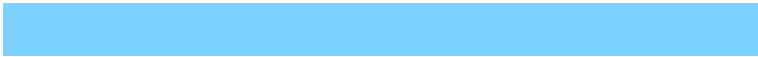
43, 15, 0

Inverse Universe

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



124, 184, 216



125, 210, 255



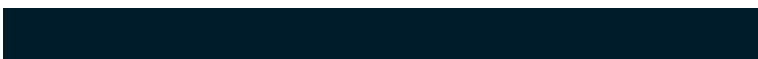
124, 139, 216



96, 103, 107



0, 111, 171



0, 28, 43

Previews

White Background



This preview shows how the RGB color 216, 156, 124 looks on a white background.

Color Contrast Check

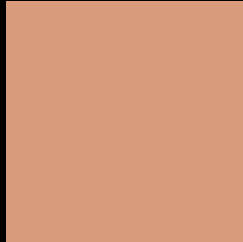
Large Text (above 18pt) WCAG AA × Fail

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 216, 156, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

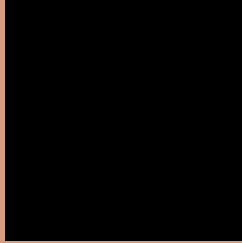
Any Text WCAG AA ✓ Pass

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 216, 156, 124 Background



This preview shows how black text looks on a background with the RGB color 216, 156, 124.

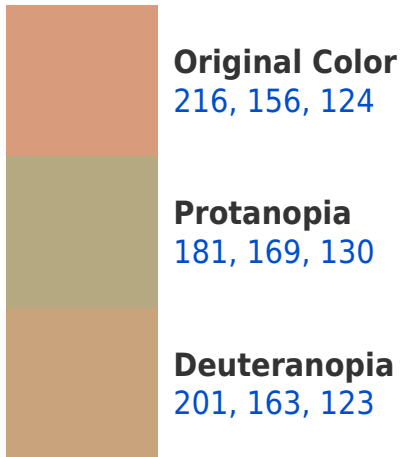


This preview shows how white text looks on a background with the RGB color 216, 156, 124.

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





Tritanopia
220, 151, 162

Trichromacy



Original Color
216, 156, 124

Protanomaly
194, 164, 128

Deuteranomaly
206, 160, 123

Tritanomaly
219, 153, 148

Monochromacy



Original Color
216, 156, 124

Achromatopsia
170, 170, 170

Achromatomaly
187, 165, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 156, 124 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(216, 156, 124)` looks like.

```
.text, #text, p{  
    color:rgb(216, 156, 124)  
}
```

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(216, 156, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 156, 124) }
```

Border

The CSS property to change the border of an element to RGB 216, 156, 124 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(216, 156, 124) }
```

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

```
.border{ border-color:rgb(216, 156, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 156, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 156, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 156, 124);  
box-shadow:4px 4px 4px 4px rgb(216, 156,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 216, 156, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 156, 124) }
```

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

```
.background{ background-color: rgb(216,  
156, 124) }
```

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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