

Converting Colors

RGB(212, 164, 110)

Have a look what the booklet for
RGB(212, 164, 110) contains.

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Color

RGB(212, 164, 110)

Conversions

Conversions Part 1

Format	Color
Hex	D4A46E
RGB	212, 164, 110
RGB Percent	83%, 64%, 43%
CMY	0.1686, 0.3569, 0.5686
CMYK	0.00, 0.23, 0.48, 0.17
HSL	32°, 54%, 63%
HSV	32°, 48%, 83%
XYZ	43.2413, 41.6738, 20.5166
YIQ	172.1960, 45.9420, -6.6180

Conversions

Conversions Part 2

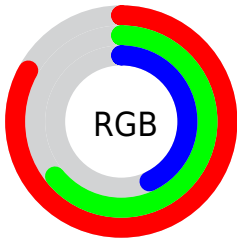
Format	Color
RYB	201, 212, 110
Decimal	13935726
CIELab	70.65, 11.08, 34.73
CIElCh	71, 36.454, 72.302
Yxy	41.6738, 0.4101, 0.3953
Android (android.graphics.Color)	4292125806 (0xFFD4A46E)
YUV	172.1960, -30.6626, 34.9081
Hunter-Lab	64.5552, 6.5938, 26.3454

Details

The RGB color **212, 164, 110** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **110, 158, 212**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **255, 219, 162**, and **155, 112, 61** is the 20% darker color. If you saturate the color by 10%, you get **212, 154, 89**, and if you desaturate by 10%, it is **212, 174, 131**.

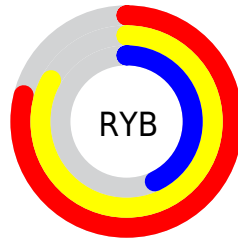
Distribution



Red (83%)

Green (64%)

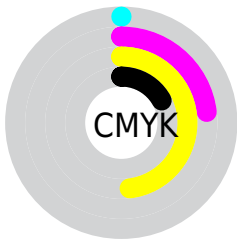
Blue (43%)



Red (79%)

Yellow (83%)

Blue (43%)

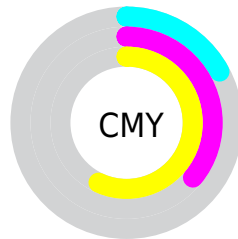


Cyan (0%)

Magenta (23%)

Yellow (48%)

Black (17%)



Cyan (17%)


Magenta (36%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 164, 110 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 212, 164, 110 by changing the saturation by 10% instead.

 212, 164, 110

255, 255, 255

 255, 219, 162

 255, 247, 190

 255, 255, 218


 255, 255, 246

 212, 164, 110

 183, 138, 85

 155, 112, 61

 127, 88, 38

 101, 65, 14


 75, 42, 0

 49, 22, 0

 25, 0, 0

 0, 0, 0

 212, 164, 110

 212, 164, 110

■ 212, 154, 89

■ 212, 174, 131

■ 212, 144, 68

■ 212, 184, 152

■ 212, 134, 46

■ 212, 194, 174

■ 212, 124, 25

■ 212, 204, 195

■ 212, 114, 4

■ 212, 214, 216

■ 212, 112, 0

■ 212, 224, 237

■ 212, 234, 255

■ 212, 244, 255

■ 212, 254, 255

Harmonies

Analogous

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



232, 153, 130



212, 164, 110



181, 175, 107

Triad

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



212, 164, 110



61, 191, 186



194, 159, 222

Complementary

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



212, 164, 110



110, 158, 212

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.



148, 171, 237



212, 164, 110



46, 188, 216

Square

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



212, 164, 110



104, 189, 152



93, 182, 235



225, 150, 194

Rectangle

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



212, 164, 110



157, 181, 116



93, 182, 235



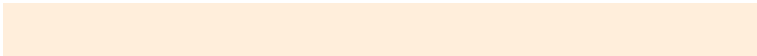
180, 163, 229

Sweetspot

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



212, 164, 110



255, 238, 219



212, 110, 159



128, 117, 106



0, 0, 0



128, 128, 128

Same Dimension

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



212, 164, 110



255, 185, 107



210, 212, 110



107, 102, 96



171, 90, 0



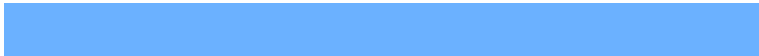
43, 23, 0

Inverse Universe

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



110, 158, 212



107, 177, 255



112, 110, 212



96, 101, 107



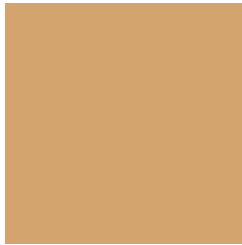
0, 80, 171



0, 20, 43

Previews

White Background



This preview shows how the RGB color 212, 164, 110 looks on a white background.

Color Contrast Check

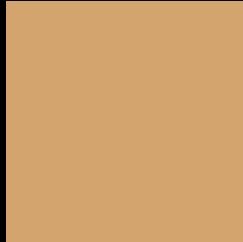
Large Text (above 18pt) WCAG AA × Fail

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 212, 164, 110 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 212, 164, 110 Background



This preview shows how black text looks on a background with the RGB color 212, 164, 110.

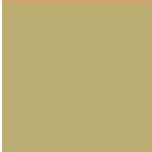


This preview shows how white text looks on a background with the RGB color 212, 164, 110.

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](#).

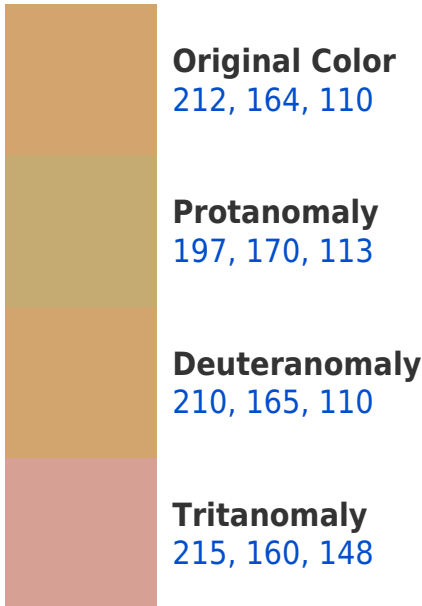
Dichromacy

	Original Color 212, 164, 110
	Protanopia 188, 173, 114
	Deuteranopia 209, 165, 110

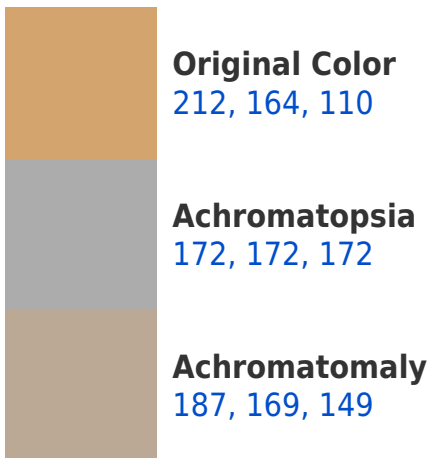


Tritanopia
217, 157, 169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 164, 110 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(212, 164, 110)` looks like.

```
.text, #text, p{  
    color:rgb(212, 164, 110)  
}
```

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(212, 164, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 164, 110) }
```

Border

The CSS property to change the border of an element to RGB 212, 164, 110 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(212, 164, 110) }
```

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

```
.border{ border-color:rgb(212, 164, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 164, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 164, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 164, 110);  
box-shadow:4px 4px 4px 4px rgb(212, 164,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 212, 164, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 164, 110) }
```

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

```
.background{ background-color: rgb(212,  
164, 110) }
```

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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