

Converting Colors

RGB(212, 202, 108)

Have a look what the booklet for
RGB(212, 202, 108) contains.

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Color

RGB(212, 202, 108)

Conversions

Conversions Part 1

Format	Color
Hex	D4CA6C
RGB	212, 202, 108
RGB Percent	83%, 79%, 42%
CMY	0.1686, 0.2078, 0.5765
CMYK	0.00, 0.05, 0.49, 0.17
HSL	54°, 55%, 63%
HSV	54°, 49%, 83%
XYZ	50.9787, 57.3208, 22.5645
YIQ	194.2740, 36.1340, -27.1140

Conversions

Conversions Part 2

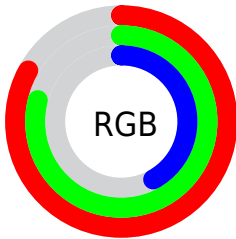
Format	Color
RYB	119, 212, 108
Decimal	13945452
CIELab	80.36, -9.10, 47.78
CIELCh	80, 48.642, 100.782
Yxy	57.3208, 0.3896, 0.4380
Android (android.graphics.Color)	4292135532 (0xFFD4CA6C)
YUV	194.2740, -42.5331, 15.5457
Hunter-Lab	75.7105, -12.3028, 35.3268

Details

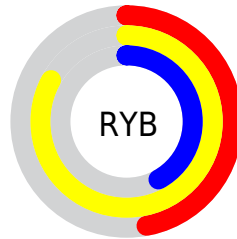
The RGB color **212, 202, 108** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **108, 118, 212**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 255, 161**, and **155, 148, 57** is the 20% darker color. If you saturate the color by 10%, you get **212, 200, 87**, and if you desaturate by 10%, it is **212, 204, 129**.

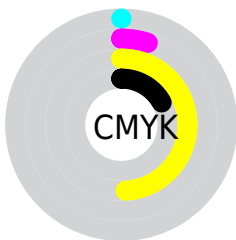
Distribution



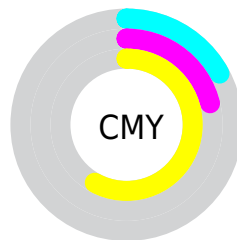
- Red (83%)
- Green (79%)
- Blue (42%)



- Red (47%)
- Yellow (83%)
- Blue (42%)



- Cyan (0%)
- Magenta (5%)
- Yellow (49%)
- Black (17%)



- Cyan (17%)
- Magenta (21%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 202, 108 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, 202, 108 by changing the saturation by 10% instead.

 212, 202, 108

 212, 202, 108

255, 255, 255

 183, 175, 82

 255, 255, 161

 155, 148, 57

 255, 255, 189

 128, 123, 31

 255, 255, 217

 101, 98, 0

 255, 255, 246

 75, 74, 0

 50, 52, 0

 26, 31, 0

 0, 2, 0


 0, 0, 0

 212, 202, 108

 212, 202, 108

 212, 200, 87


 212, 204, 129

 212, 198, 66

 212, 206, 150

 212, 196, 44

 212, 208, 172

 212, 194, 23

 212, 210, 193

 212, 192, 2

 212, 212, 214

 212, 192, 0

 212, 214, 235

 212, 216, 255

 212, 218, 255

 212, 220, 255

Harmonies

Analogous

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



253, 186, 114



212, 202, 108



162, 214, 129

Triad

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



212, 202, 108



0, 221, 255



255, 167, 230

Complementary

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



212, 202, 108



108, 118, 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.



225, 181, 255



212, 202, 108



57, 212, 255

Square

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



212, 202, 108



0, 223, 215



157, 198, 255



255, 163, 185

Rectangle

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



212, 202, 108



124, 219, 153



157, 198, 255



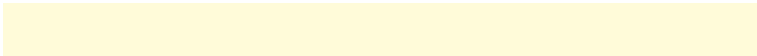
255, 171, 244

Sweetspot

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



212, 202, 108



255, 251, 217



212, 108, 118



128, 125, 105



0, 0, 0



128, 128, 128

Same Dimension

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



212, 202, 108



255, 241, 105



170, 212, 108



107, 106, 96



171, 154, 0



43, 39, 0

Inverse Universe

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



108, 118, 212



105, 119, 255



150, 108, 212



96, 97, 107



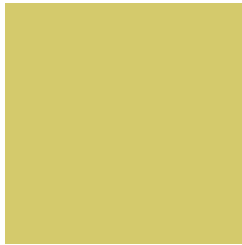
0, 16, 171



0, 4, 43

Previews

White Background



This preview shows how the RGB color 212, 202, 108 looks on a white background.

Color Contrast Check

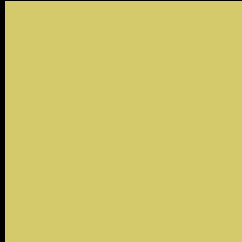
Large Text (above 18pt) WCAG AA × Fail

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, 202, 108 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, 202, 108 Background



This preview shows how black text looks on a background with the RGB color 212, 202, 108.



This preview shows how white text looks on a background with the RGB color 212, 202, 108.

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, 202, 108

Protanopia

220, 199, 107

Deuteranopia

243, 190, 111



Tritanopia
222, 191, 206

Trichromacy



Original Color

212, 202, 108

Protanomaly

217, 200, 107

Deuteranomaly

232, 194, 110

Tritanomaly

218, 195, 170

Monochromacy



Original Color

212, 202, 108

Achromatopsia

194, 194, 194

Achromatomaly

201, 197, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 202, 108 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, 202, 108)` looks like.

```
.text, #text, p{  
    color:rgb(212, 202, 108)  
}
```

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, 202, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 202, 108) }
```

Border

The CSS property to change the border of an element to RGB 212, 202, 108 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, 202, 108) }
```

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

```
.border{ border-color:rgb(212, 202, 108) }
```

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

Here you see how a box with a 4 pixel rgb(212, 202, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 202, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 202, 108);  
box-shadow:4px 4px 4px 4px rgb(212, 202,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 212, 202, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 202, 108) }
```

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

```
.background{ background-color: rgb(212,  
202, 108) }
```

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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