

# Converting Colors

Hex(C0C210)

Have a look what the booklet for  
Hex(C0C210) contains.

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**Color**

**Hex(C0C210)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0C210
RGB	192, 194, 16
RGB Percent	75%, 76%, 6%
CMY	0.2471, 0.2392, 0.9373
CMYK	0.01, 0.00, 0.92, 0.24
HSL	61°, 85%, 41%
HSV	61°, 92%, 76%
XYZ	41.1235, 49.8275, 7.9404
YIQ	173.1100, 55.9460, -55.7820

# Conversions

## Conversions Part 2

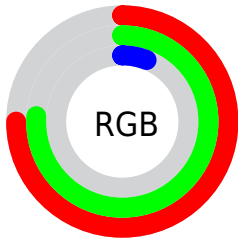
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 194, 18
Decimal	12632592
CIELab	75.96, -18.22, 75.00
CIELCh	76, 77.181, 103.657
Yxy	49.8275, 0.4158, 0.5039
Android (android.graphics.Color)	4290822672 (0xFFC0C210)
YUV	173.1100, -77.4552, 16.5665
Hunter-Lab	70.5886, -19.5393, 42.7425

# Details

The Hex color **C0C210** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed yellow. A complement of this color would be **1210C2**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FCFA57**, and **868D00** is the 20% darker color. If you saturate the color by 10%, you get **C0C200**, and if you desaturate by 10%, it is **C0C223**.

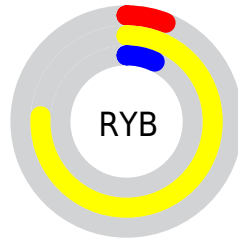
# Distribution



Red (75%)

Green (76%)

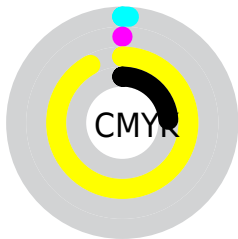
Blue (6%)



Red (6%)

Yellow (76%)

Blue (7%)

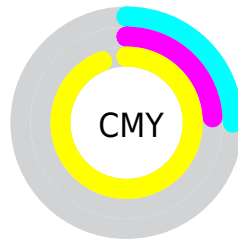


Cyan (1%)

Magenta (0%)

Yellow (92%)

Black (24%)



Cyan (25%)

Magenta (24%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0C210 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 Hex color C0C210 by changing the saturation by 10% instead.



 C0C210

 C0C210

FFFFFF

 A3A700

 FCFA57

 868D00

 FFFF74

 6A7300

 FFFF90

 4E5B00

 FFFFAD

 334400

 FFFFC A

 192D00

 FFFF E8

 001A00

 000000

 C0C210

 C0C210

 COC200

 C0C223

 C0C237

 C1C24A

 C1C25E

 C1C271

 C1C284

 C2C298

 C2C2AB

 C2C2BF

# Harmonies

## Analogous

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



FEAA22



C0C210



6ED24C

# Triad

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



C0C210



00D9FF



FF7CE5

# Complementary

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



C0C210



1210C2

# 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.



E899FF



C0C210



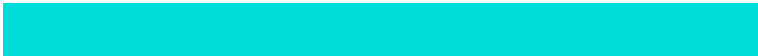
00CEFF

# Square

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



C0C210



00DDDB



63B8FF



FF759E

# Rectangle

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



C0C210



00D879



63B8FF



FF84FC



# Sweetspot

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



C0C210



FCFCB6



C21010



7F8054



000000



808080



# Same Dimension

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



C0C210



FAFC00



69C210



616157



9FA100



212100



# Inverse Universe

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



1210C2



0300FC



6910C2



575761



0200A1



000021



# Previews

## White Background



This preview shows how the Hex color C0C210 looks on a white background.

## Color Contrast Check

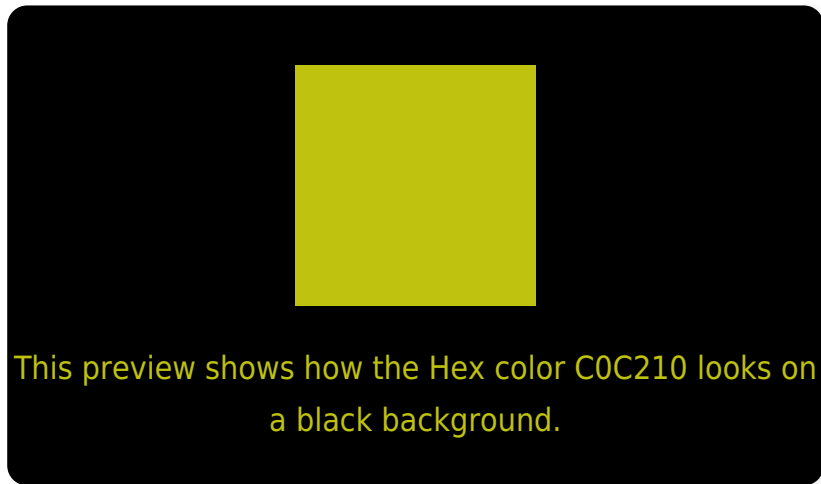
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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](#).



## Hex C0C210 Background



This preview shows how black text looks on a background with the Hex color C0C210.

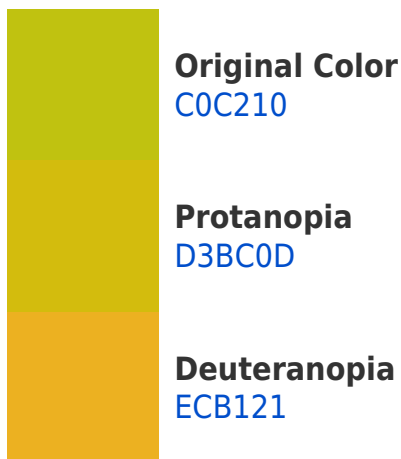


This preview shows how white text looks on a background with the Hex color C0C210.

# 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**  
CDB4C2

# Trichromacy



**Original Color**  
C0C210

**Protanomaly**  
CCBE0E

**Deuteranomaly**  
DCB71B

**Tritanomaly**  
C8B981

# Monochromacy



**Original Color**  
C0C210

**Achromatopsia**  
ADADAD

**Achromatomaly**  
B4B574

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0C210 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 #C0C210 looks like.

```
.text, #text, p{  
    color:#C0C210  
}
```

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 #C0C210 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0C210
}
```

## Border

The CSS property to change the border of an element to Hex C0C210 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
#C0C210 }
```

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

```
.border{ border-color:#C0C210 }
```

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

Here you see how a box with a 4 pixel #C0C210 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0C210; -webkit-box-shadow:4px 4px  
4px 4px #C0C210; box-shadow:4px 4px 4px  
4px #C0C210 }
```

# Background

The CSS property to change the background color of an element to Hex C0C210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0C210 }
```

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

```
.background{ background-color:#C0C210 }
```

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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