

# Converting Colors

Hex(C0C764)

Have a look what the booklet for  
Hex(C0C764) contains.

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# **Color**

**Hex(C0C764)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0C764
RGB	192, 199, 100
RGB Percent	75%, 78%, 39%
CMY	0.2471, 0.2196, 0.6078
CMYK	0.04, 0.00, 0.50, 0.22
HSL	64°, 47%, 59%
HSV	64°, 50%, 78%
XYZ	44.4619, 52.9734, 19.9381
YIQ	185.6210, 27.6070, -32.2730

# Conversions

## Conversions Part 2

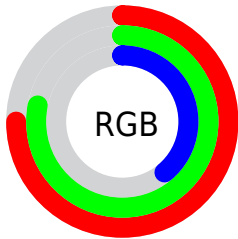
Format	Color
<a href="#">RYB</a>	<a href="#">100, 199, 107</a>
Decimal	<a href="#">12633956</a>
CIELab	<a href="#">77.86, -16.43, 48.25</a>
CIELCh	<a href="#">78, 50.974, 108.800</a>
Yxy	<a href="#">52.9734, 0.3788, 0.4513</a>
Android (android.graphics.Color)	<a href="#">4290824036</a> ( <a href="#">0xFFC0C764</a> )
YUV	<a href="#">185.6210, -42.2112, 5.5944</a>
Hunter-Lab	<a href="#">72.7828, -18.3271, 34.7061</a>

# Details

The Hex color **C0C764** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6B64C7**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FAFF99**, and **889131** is the 20% darker color. If you saturate the color by 10%, you get **BFC750**, and if you desaturate by 10%, it is **C1C778**.

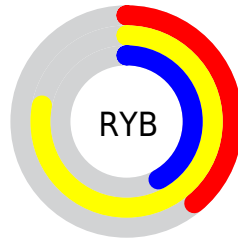
# Distribution



Red (75%)

Green (78%)

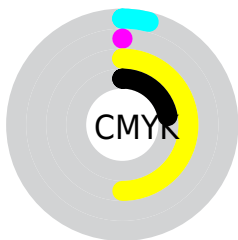
Blue (39%)



Red (39%)

Yellow (78%)

Blue (42%)

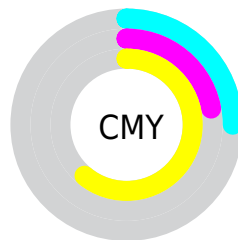


Cyan (4%)

Magenta (0%)

Yellow (50%)

Black (22%)



Cyan (25%)

Magenta (22%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0C764 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 C0C764 by changing the saturation by 10% instead.





C0C764



C0C764

FFFFFF



A4AC4A



FAFF99



889131



FFFFB5



6E7815



FFFFD1



535F00



FFFEE



3B4700



213100



011D00



000000



C0C764



C0C764

 BFC750

 C1C778

 BDC73C

 C3C78C

 BCC728

 C4C7A0

 BAC714

 C6C7B4

 B9C701

 C7C7C8

 B9C700

 C8C7DB

 CAC7EF

 CBC7FF

 CDC7FF

# Harmonies

## Analogous

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



EDB862



C0C764



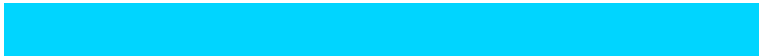
8AD280

# Triad

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



C0C764



00D5FF



FF9CD4

# Complementary

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



C0C764



6B64C7

# 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.



EAA9FF



C0C764



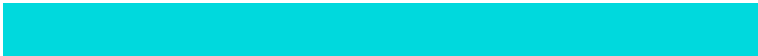
43CBFF

# Square

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



C0C764



00D9DD



A9BBFF



FF9BA4

# Rectangle

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



C0C764



5CD69D



A9BBFF



FF9FE4



# Sweetspot

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



C0C764



FCFFD9



C76B64



7E8069



000000



808080



# Same Dimension

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



C0C764



F4FF66



8FC764



63635A



98A300



212400



# Inverse Universe

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



6B64C7



7166FF



9C64C7



5A5A63



0C00A3



030024



# Previews

## White Background



This preview shows how the Hex color C0C764 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 Hex color C0C764 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](#).



## Hex C0C764 Background



This preview shows how black text looks on a background with the Hex color C0C764.

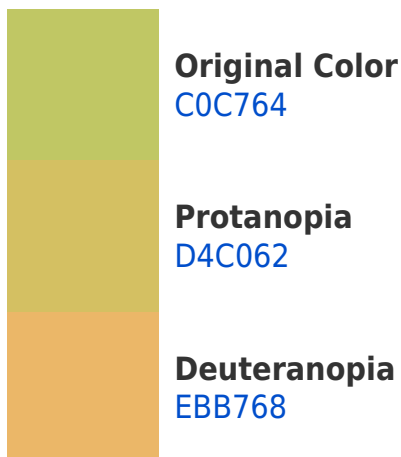


This preview shows how white text looks on a background with the Hex color C0C764.

# Color Blindness Simulation

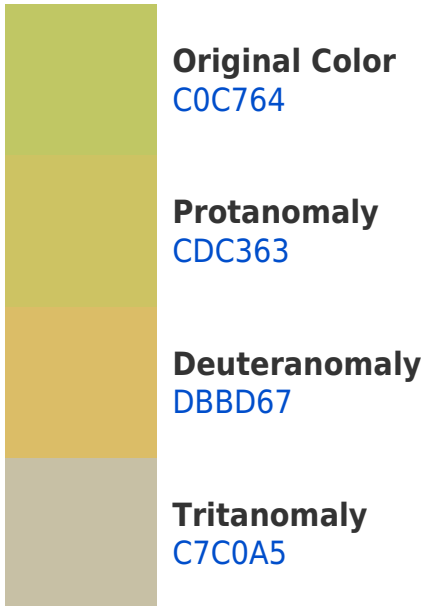
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0C764 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 #C0C764 looks like.

```
.text, #text, p{  
    color:#C0C764  
}
```

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 #C0C764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0C764
}
```

## Border

The CSS property to change the border of an element to Hex C0C764 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
#C0C764 }
```

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

```
.border{ border-color:#C0C764 }
```

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

Here you see how a box with a 4 pixel #C0C764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0C764; -webkit-box-shadow:4px 4px  
4px 4px #C0C764; box-shadow:4px 4px 4px  
4px #C0C764 }
```

# Background

The CSS property to change the background color of an element to Hex C0C764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0C764 }
```

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

```
.background{ background-color:#C0C764 }
```

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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