

# Converting Colors

Hex(C0A66F)

Have a look what the booklet for  
Hex(C0A66F) contains.

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# **Color**

**Hex(C0A66F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0A66F
RGB	192, 166, 111
RGB Percent	75%, 65%, 44%
CMY	0.2471, 0.3490, 0.5647
CMYK	0.00, 0.14, 0.42, 0.25
HSL	41°, 39%, 59%
HSV	41°, 42%, 75%
XYZ	38.2437, 39.6266, 20.6720
YIQ	167.5040, 33.1510, -11.5930

# Conversions

## Conversions Part 2

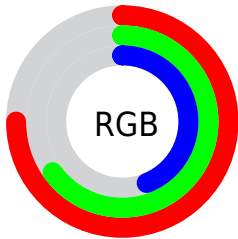
Format	Color
<a href="#">RYB</a>	<a href="#">149, 192, 111</a>
Decimal	<a href="#">12625519</a>
CIELab	<a href="#">69.20, 1.87, 31.95</a>
CIELCh	<a href="#">69, 32.008, 86.642</a>
Yxy	<a href="#">39.6266, 0.3881, 0.4021</a>
Android (android.graphics.Color)	<a href="#">4290815599</a> ( <a href="#">0xFFC0A66F</a> )
YUV	<a href="#">167.5040, -27.8565, 21.4830</a>
Hunter-Lab	<a href="#">62.9497, -1.7181, 24.5946</a>

# Details

The Hex color **C0A66F** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6F89C0**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FADDA3**, and **89723E** is the 20% darker color. If you saturate the color by 10%, you get **C0A05C**, and if you desaturate by 10%, it is **C0AC82**.

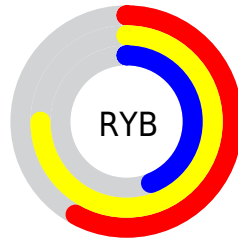
# Distribution



Red (75%)

Green (65%)

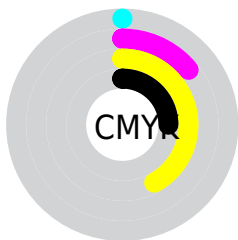
Blue (44%)



Red (58%)

Yellow (75%)

Blue (44%)

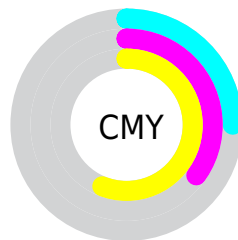


Cyan (0%)

Magenta (14%)

Yellow (42%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0A66F 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 C0A66F by changing the saturation by 10% instead.



 C0A66F

 C0A66F

FFFFFF

 A48C56

 FADDA3

 89723E

 FFF9BF

 6E5A27

 FFFFDB

 554310

 FFFFFFF7

 3D2D00

 241800

 000000

 C0A66F

 C0A66F

 C0A05C

 C0AC82

 C09A49

 C0B295

 C09435

 C0B8A9

 C08D22

 C0BFBC

 C0870F

 C0C5CF

 C08200

 C0CBE2

 C0D1F5

 C0D7FF

 C0DDFF

# Harmonies

## Analogous

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



D79C7A



C0A66F



A2AF74

# Triad

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



C0A66F



47B8C2



CB99C9

# Complementary

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



C0A66F



6F89C0

# 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.



A8A3DD



C0A66F



54B4D9

# Square

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



C0A66F



5EB9A5



7DADE2



DF93AD

# Rectangle

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



C0A66F



8CB480



7DADE2



C19CD1



# Sweetspot

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



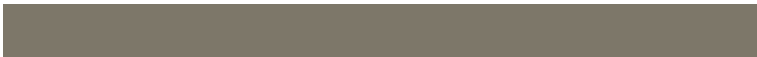
C0A66F



FAEFD9



C06F8A



7D7769



FCFCFC



7D7D7D



# Same Dimension

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



C0A66F



FAD17A



B3C06F



615E57



A16D00



211700

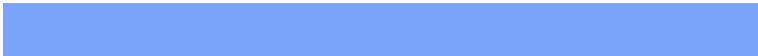


# Inverse Universe

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



6F89C0



7AA3FA



7C6FC0



575A61



0034A1



000B21



# Previews

## White Background



This preview shows how the Hex color C0A66F looks on a white background.

## Color Contrast Check

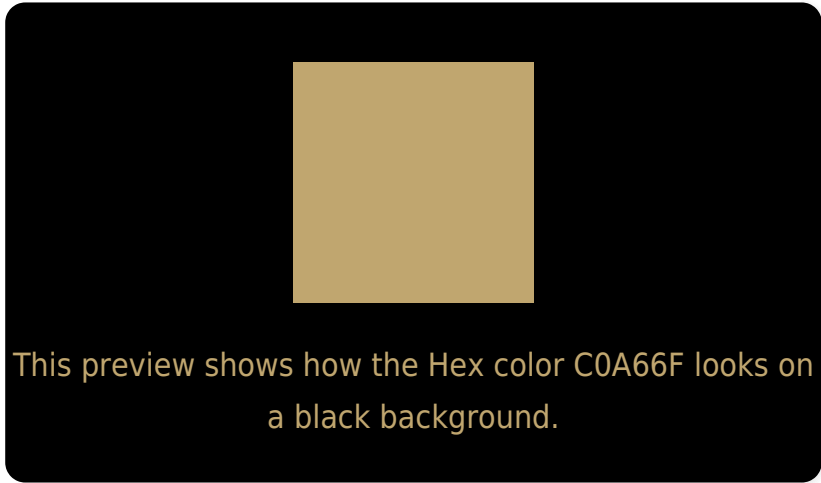
Large Text (above 18pt) WCAG AA × Fail

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

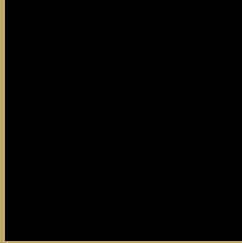
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C0A66F Background



This preview shows how black text looks on a background with the Hex color C0A66F.



This preview shows how white text looks on a background with the Hex color C0A66F.

# 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**  
C0A66F

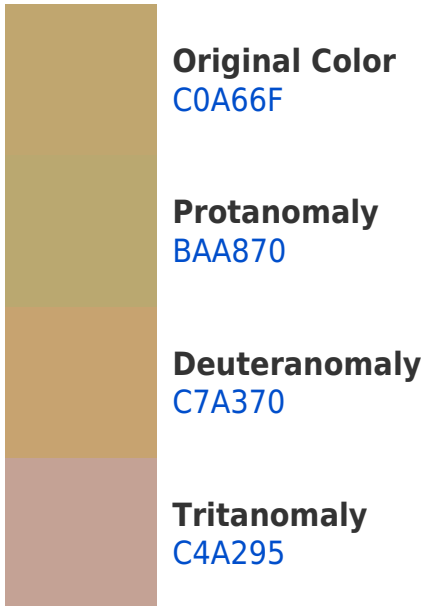
**Protanopia**  
B7A970

**Deuteranopia**  
CBA270

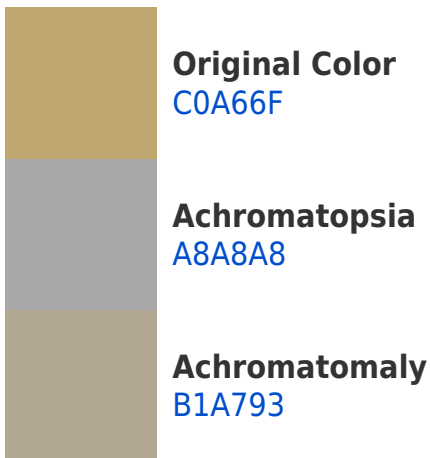


**Tritanopia**  
C69FAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0A66F 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 #C0A66F looks like.

```
.text, #text, p{  
    color:#C0A66F  
}
```

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 #C0A66F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0A66F
}
```

## Border

The CSS property to change the border of an element to Hex C0A66F 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
#C0A66F }
```

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

```
.border{ border-color:#C0A66F }
```

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

Here you see how a box with a 4 pixel #C0A66F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0A66F; -webkit-box-shadow:4px 4px  
4px 4px #C0A66F; box-shadow:4px 4px 4px  
4px #C0A66F }
```

# Background

The CSS property to change the background color of an element to Hex C0A66F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0A66F }
```

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

```
.background{ background-color:#C0A66F }
```

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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