

# Converting Colors

Hex(C6CA68)

Have a look what the booklet for  
Hex(C6CA68) contains.

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# **Color**

**Hex(C6CA68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6CA68
RGB	198, 202, 104
RGB Percent	78%, 79%, 41%
CMY	0.2235, 0.2078, 0.5922
CMYK	0.02, 0.00, 0.49, 0.21
HSL	62°, 48%, 60%
HSV	62°, 49%, 79%
XYZ	46.9079, 55.2463, 21.2880
YIQ	189.6320, 29.0740, -31.3260

# Conversions

## Conversions Part 2

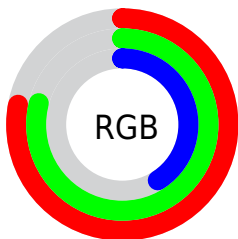
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 202, 108
Decimal	13027944
CIELab	79.18, -15.14, 48.03
CIELCh	79, 50.359, 107.498
Yxy	55.2463, 0.3800, 0.4475
Android (android.graphics.Color)	4291218024 (0xFFC6CA68)
YUV	189.6320, -42.2166, 7.3387
Hunter-Lab	74.3279, -17.4233, 35.0484

# Details

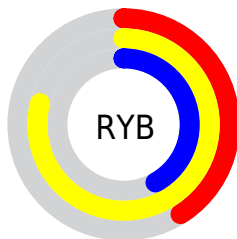
The Hex color **C6CA68** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6C68CA**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFF99D**, and **8E9435** is the 20% darker color. If you saturate the color by 10%, you get **C5CA54**, and if you desaturate by 10%, it is **C7CA7C**.

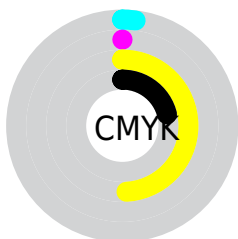
# Distribution



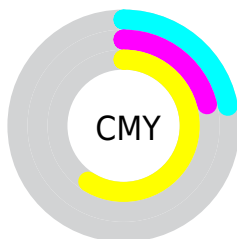
- Red (78%)
- Green (79%)
- Blue (41%)



- Red (41%)
- Yellow (79%)
- Blue (42%)



- Cyan (2%)
- Magenta (0%)
- Yellow (49%)
- Black (21%)



- Cyan (22%)
- Magenta (21%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6CA68 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 C6CA68 by changing the saturation by 10% instead.



 C6CA68

 C6CA68

FFFFFF

 AA4F4E

 FFFF9D

 8E9435

 FFFF89

 737A1A

 FFFF65

 596200

 FFFF32

 404A00

 263300

 0C1F00

 000000

 C6CA68

 C6CA68

 C5CA54

 C7CA7C

 C4CA40

 C8CA90

 C4CA2B

 C8CAA5

 C3CA17

 C9CAB9

 C2CA03

 CACACD

 C2CA00

 CBCAE1

 CCCAF5

 CDCAFF

# Harmonies

## Analogous

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



F2BB68



C6CA68



91D583

# Triad

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



C6CA68



00D8FF



FFA0DA

# Complementary

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



C6CA68



6C68CA

# 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.



EBADFF



C6CA68



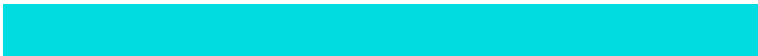
46CFFF

# Square

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



C6CA68



00DCDF



AABFFF



FF9FAA

# Rectangle

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



C6CA68



65DA9F



AABFFF



FFA4E9



# Sweetspot

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



C6CA68



FDFFD9



CA6B68



7F8069



000000



808080



# Same Dimension

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



C6CA68



F9FF6B



96CA68



66665C



9FA600



252600



# Inverse Universe

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



6C68CA



716BFF



9C68CA



5C5C66



0700A6



020026



# Previews

## White Background



This preview shows how the Hex color C6CA68 looks on a white background.

## Color Contrast Check

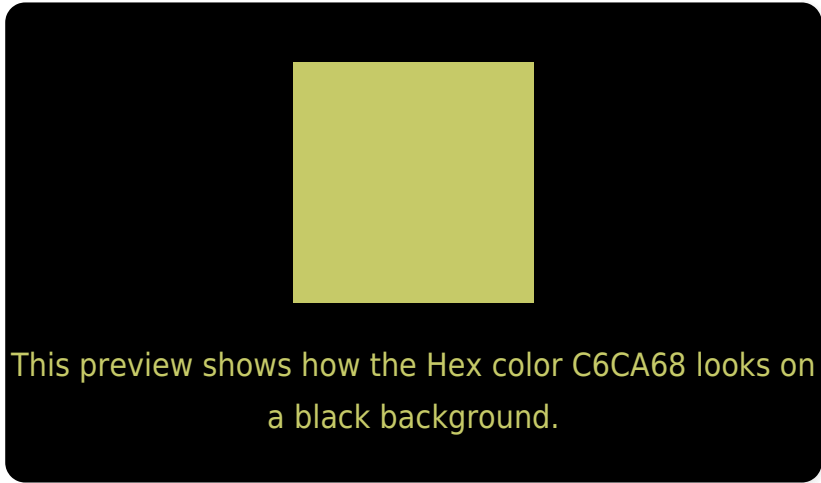
Large Text (above 18pt) WCAG AA × Fail

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

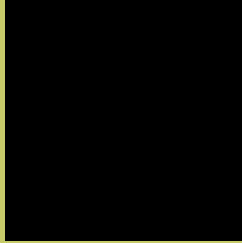
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C6CA68 Background



This preview shows how black text looks on a background with the Hex color C6CA68.

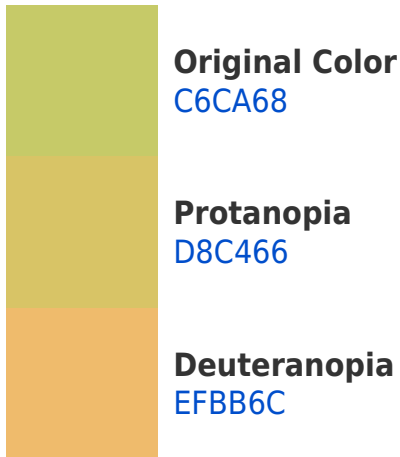


This preview shows how white text looks on a background with the Hex color C6CA68.

# 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](#).

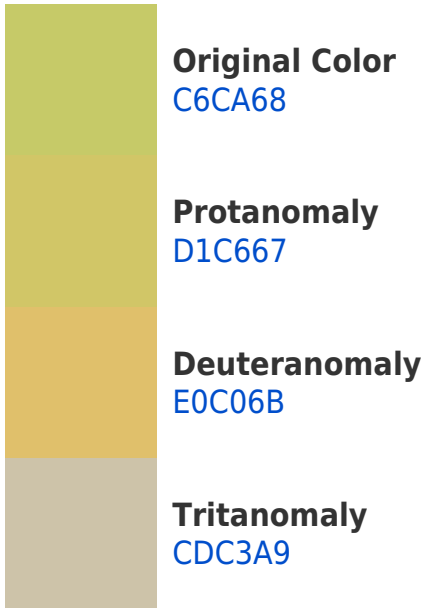
## Dichromacy





**Tritanopia**  
D1BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6CA68 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 #C6CA68 looks like.

```
.text, #text, p{  
    color:#C6CA68  
}
```

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 #C6CA68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6CA68
}
```

## Border

The CSS property to change the border of an element to Hex C6CA68 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
#C6CA68 }
```

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

```
.border{ border-color:#C6CA68 }
```

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

Here you see how a box with a 4 pixel #C6CA68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6CA68; -webkit-box-shadow:4px 4px  
4px 4px #C6CA68; box-shadow:4px 4px 4px  
4px #C6CA68 }
```

# Background

The CSS property to change the background color of an element to Hex C6CA68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6CA68 }
```

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

```
.background{ background-color:#C6CA68 }
```

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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