

Converting Colors

Hex(CCCA66)

Have a look what the booklet for
Hex(CCCA66) contains.

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Color

Hex(CCCA66)

Conversions

Conversions Part 1

Format	Color
Hex	CCCA66
RGB	204, 202, 102
RGB Percent	80%, 79%, 40%
CMY	0.2000, 0.2078, 0.6000
CMYK	0.00, 0.01, 0.50, 0.20
HSL	59°, 50%, 60%
HSV	59°, 50%, 80%
XYZ	48.4206, 56.0377, 20.8347
YIQ	191.1980, 33.2920, -30.6760

Conversions

Conversions Part 2

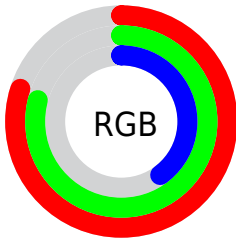
Format	Color
RYB	104, 204, 102
Decimal	13421158
CIELab	79.64, -12.89, 49.64
CIELCh	80, 51.285, 104.556
Yxy	56.0377, 0.3865, 0.4473
Android (android.graphics.Color)	4291611238 (0xFFCCCA66)
YUV	191.1980, -43.9746, 11.2274
Hunter-Lab	74.8584, -15.5429, 35.8992

Details

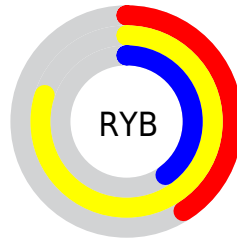
The Hex color **CCCA66** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6668CC**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFFF9B**, and **949432** is the 20% darker color. If you saturate the color by 10%, you get **CCCA52**, and if you desaturate by 10%, it is **CCCA7A**.

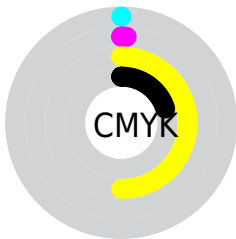
Distribution



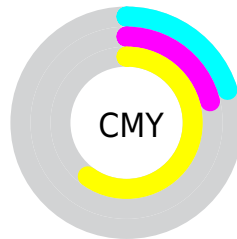
- Red (80%)
- Green (79%)
- Blue (40%)



- Red (41%)
- Yellow (80%)
- Blue (40%)



- Cyan (0%)
- Magenta (1%)
- Yellow (50%)
- Black (20%)



- Cyan (20%)
- Magenta (21%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCCA66 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 CCCA66 by changing the saturation by 10% instead.



CCCA66



CCCA66

FFFFFF



B0AF4C



FFFF9B



949432



FFFFB7



787A16



FFFFD3



5E6200



FFFFF0



454A00



2B3400



121F00



000000



CCCA66



CCCA66

■ CCCA52

■ CCCA7A

■ CCC93D

■ CCCB8F

■ CCC929

■ CCCBA3

■ CCC814

■ CCCCB8

■ CCC800

■ CCCCCC

■ CCCCE0

■ CCCDF5

■ CCCDFE

■ CCCEFF

Harmonies

Analogous

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



F8BA68



CCCA66



97D67F

Triad

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



CCCA66



00DBFF



FFA1E0

Complementary

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



CCCA66



6668CC

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.



E7B0FF



CCCA66



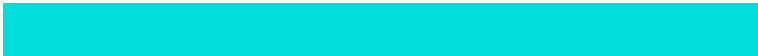
31D1FF

Square

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



CCCA66



00DEDC



A2C2FF



FF9FB0

Rectangle

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



CCCA66



6BDB9B



A2C2FF



FFA5EF

Sweetspot

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



CCCA66



FFFED9



CC6669



807F69



000000



808080

Same Dimension

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



CCCA66



FFFC66



9CCC66



66665C



A6A300



262500

Inverse Universe

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



6668CC



6669FF



9666CC



5C5C66



0003A6



000126

Previews

White Background



This preview shows how the Hex color #CCCA66 looks on a white background.

Color Contrast Check

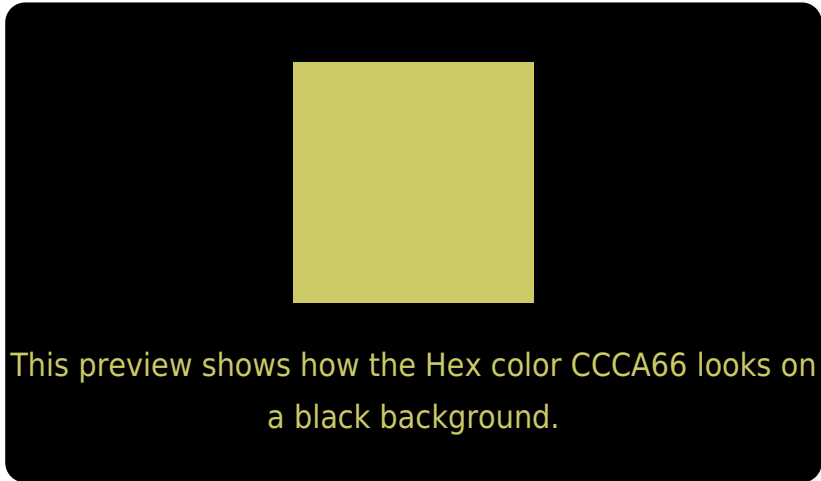
Large Text (above 18pt) WCAG AA × Fail

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 CCA66 Background



This preview shows how black text looks on a background with the Hex color CCA66.



This preview shows how white text looks on a background with the Hex color CCA66.

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
CCCA66

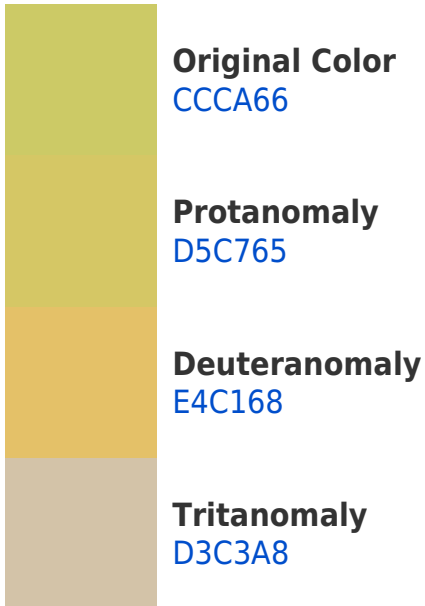
Protanopia
DAC564

Deuteranopia
F2BC69

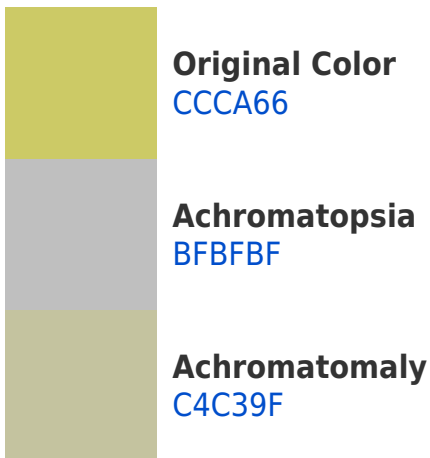


Tritanopia
D7BFCD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCCA66 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 #CCCA66 looks like.

```
.text, #text, p{  
    color:#CCCA66  
}
```

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 #CCCA66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCCA66
}
```

Border

The CSS property to change the border of an element to Hex CCCA66 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
#CCCA66 }
```

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

```
.border{ border-color:#CCCA66 }
```

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

Here you see how a box with a 4 pixel #CCCA66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCCA66; -webkit-box-shadow:4px 4px  
4px 4px #CCCA66; box-shadow:4px 4px 4px  
4px #CCCA66 }
```

Background

The CSS property to change the background color of an element to Hex CCA66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA66 }
```

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

```
.background{ background-color:#CCA66 }
```

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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