

Converting Colors

Hex(CCAF06)

Have a look what the booklet for
Hex(CCAF06) contains.

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Color

Hex(CCAF06)

Conversions

Conversions Part 1

Format	Color
Hex	CCAF06
RGB	204, 175, 6
RGB Percent	80%, 69%, 2%
CMY	0.2000, 0.3137, 0.9765
CMYK	0.00, 0.14, 0.97, 0.20
HSL	51°, 94%, 41%
HSV	51°, 97%, 80%
XYZ	40.2647, 43.5105, 6.4485
YIQ	164.4050, 71.5330, -46.4110

Conversions

Conversions Part 2

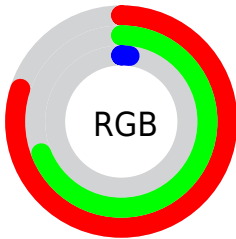
Format	Color
R_{YB}	40, 204, 6
Decimal	13414150
CIE _{Lab}	71.90, -3.36, 73.59
CIE _{LCh}	72, 73.670, 92.615
Yxy	43.5105, 0.4463, 0.4823
Android (android.graphics.Color)	4291604230 (0xFFCCAF06)
YUV	164.4050, -78.0937, 34.7248
Hunter-Lab	65.9625, -6.4747, 40.3775

Details

The Hex color **CCAF06** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0623CC**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFE651**, and **917B00** is the 20% darker color. If you saturate the color by 10%, you get **CCAE00**, and if you desaturate by 10%, it is **CCB21A**.

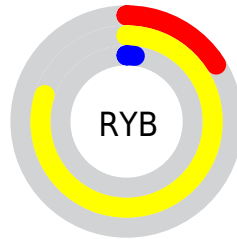
Distribution



Red (80%)

Green (69%)

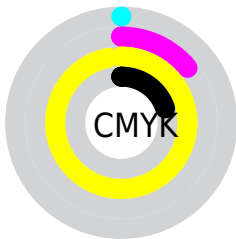
Blue (2%)



Red (16%)

Yellow (80%)

Blue (2%)

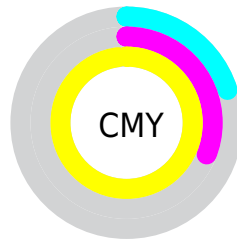


Cyan (0%)

Magenta (14%)

Yellow (97%)

Black (20%)



Cyan (20%)

Magenta (31%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCAF06 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 CCAF06 by changing the saturation by 10% instead.

 CCAF06

 CCAF06

FFFFFF

 AE9500

 FFE651

 917B00

 FFFF6D

 756200

 FFFF8A

 584B00

 FFFFA6

 3D3500

 FFFFC3

 242000

 FFFFEO

 020900

FFFFFFE

 000000

 CCAF06

 CCAF06

■ CCAE00

■ CCB21A

■ CCB52F

■ CCB843

■ CCBB58

■ CCBE6C

■ CCC180

■ CCC495

■ CCC7A9

■ CCCABE

Harmonies

Analogous

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



FF9533



CCAF06



87C131

Triad

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



CCAF06



00CFF7



FF7DEF

Complementary

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



CCAF06



0623CC

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.



B89CFF



CCAF06



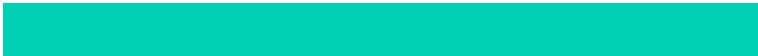
00C7FF

Square

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



CCAF06



00D0B4



00B6FF



FF6DAD

Rectangle

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



CCAF06



44C959



00B6FF



F187FF

Sweetspot

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



CCAF06



FFF4B5



CC0624



807953



000000



808080

Same Dimension

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



CCAF06



FFDA00



87CC06



66655C



A68D00



262100

Inverse Universe

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



0623CC



0025FF



4B06CC



5C5D66



0018A6



000626

Previews

White Background



This preview shows how the Hex color CCAF06 looks on a white background.

Color Contrast Check

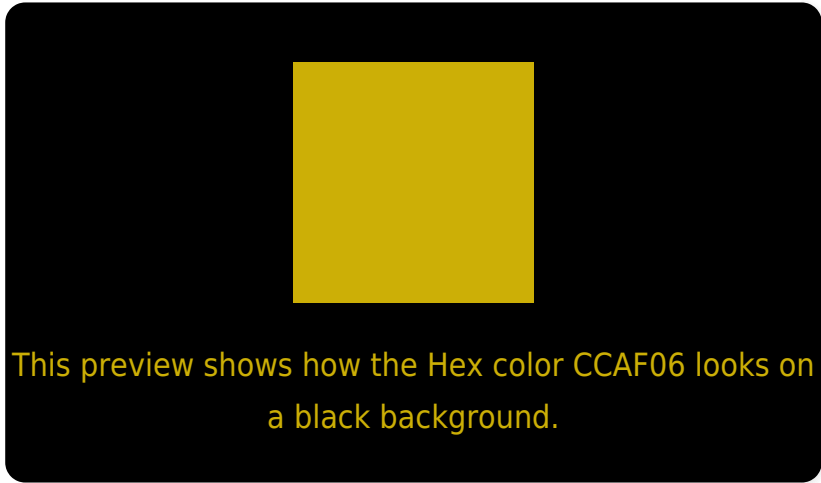
Large Text (above 18pt) WCAG AA × Fail

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 CCAF06 Background



This preview shows how black text looks on a background with the Hex color CCAF06.

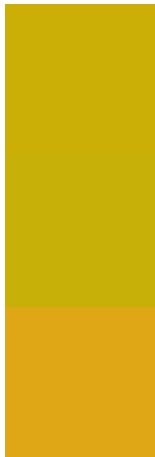


This preview shows how white text looks on a background with the Hex color CCAF06.

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
CCAF06

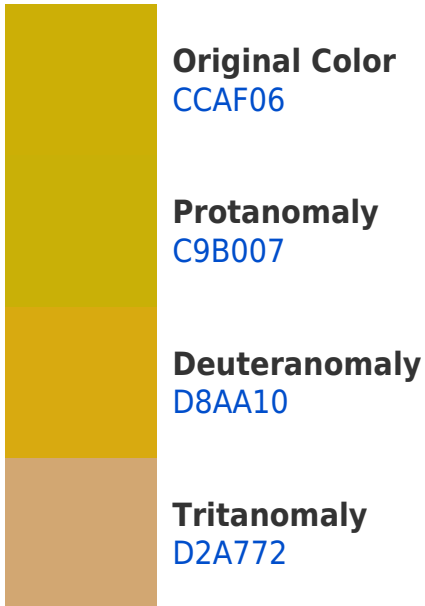
Protanopia
C7B108

Deuteranopia
DFA715

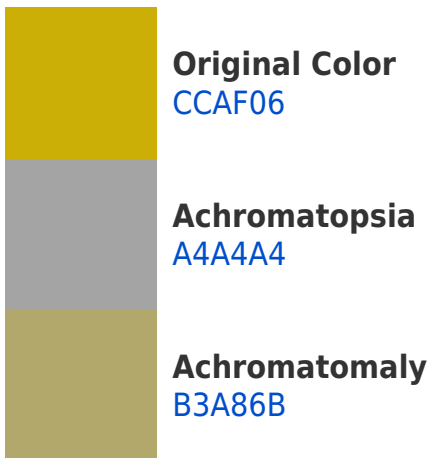


Tritanopia
D6A3AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCAF06 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 #CCAF06 looks like.

```
.text, #text, p{  
    color:#CCAF06  
}
```

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 #CCAF06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCAF06
}
```

Border

The CSS property to change the border of an element to Hex CCAF06 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
#CCAF06 }
```

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

```
.border{ border-color:#CCAF06 }
```

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

Here you see how a box with a 4 pixel #CCAF06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCAF06; -webkit-box-shadow:4px 4px  
4px 4px #CCAF06; box-shadow:4px 4px 4px  
4px #CCAF06 }
```

Background

The CSS property to change the background color of an element to Hex CCAF06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCAF06 }
```

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

```
.background{ background-color:#CCAF06 }
```

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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