

Converting Colors

Hex(CCA61F)

Have a look what the booklet for
Hex(CCA61F) contains.

Hex(CCA61F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CCA61F)

Conversions

Conversions Part 1

Format	Color
Hex	CCA61F
RGB	204, 166, 31
RGB Percent	80%, 65%, 12%
CMY	0.2000, 0.3490, 0.8784
CMYK	0.00, 0.19, 0.85, 0.20
HSL	47°, 74%, 46%
HSV	47°, 85%, 80%
XYZ	38.7854, 40.2087, 7.0132
YIQ	161.9720, 65.9830, -33.9290

Conversions

Conversions Part 2

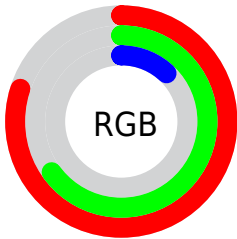
Format	Color
RYB	80, 204, 31
Decimal	13411871
CIELab	69.62, 1.82, 67.45
CIELCh	70, 67.471, 88.454
Yxy	40.2087, 0.4510, 0.4675
Android (android.graphics.Color)	4291601951 (0xFFCCA61F)
YUV	161.9720, -64.5692, 36.8586
Hunter-Lab	63.4104, -1.7874, 37.8298

Details

The Hex color **CCA61F** 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 **1F45CC**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFDD5A**, and **917300** is the 20% darker color. If you saturate the color by 10%, you get **CCA20B**, and if you desaturate by 10%, it is **CCAA33**.

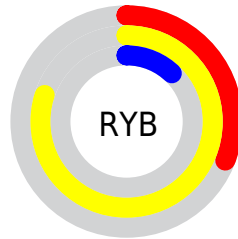
Distribution



Red (80%)

Green (65%)

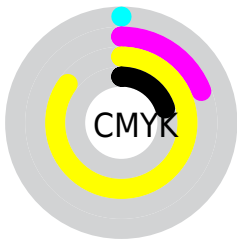
Blue (12%)



Red (31%)

Yellow (80%)

Blue (12%)

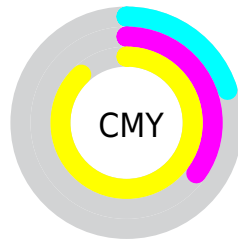


Cyan (0%)

Magenta (19%)

Yellow (85%)

Black (20%)



Cyan (20%)

Magenta (35%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCA61F 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 CCA61F by changing the saturation by 10% instead.

CCA61F

CCA61F

FFFFFF

AE8C00

FFDD5A

917300

FFF976

755A00

FFFF92

594300

FFFFAE

3E2D00

FFFFCA

251900

FFFFE7

000000

CCA61F

CCA61F

CCA20B

CCAA33

■ CC9F00

■ CCAF48

■ CCB35C

■ CCB871

■ CCBC85

■ CCC199

■ CCC5AE

■ CCCAC2

■ CCCED7

Harmonies

Analogous

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



FB8E40



CCA61F



90B733

Triad

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



CCA61F



00C7E3



F180EB

Complementary

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



CCA61F



1F45CC

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.



A49BFF



CCA61F



00C0FF

Square

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



CCA61F



00C7A5



00B2FF



FF6FB0

Rectangle

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



CCA61F



5BBF54



00B2FF



DC89FC

Sweetspot

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



CCA61F



FFF1BF



CC1F47



807759



000000



808080

Same Dimension

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



CCA61F



FFC700



9ECC1F



66645C



A68100



261E00

Inverse Universe

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



1F45CC



0038FF



4D1FCC



5C5E66



0024A6



000826

Previews

White Background



This preview shows how the Hex color CCA61F looks on a white background.

Color Contrast Check

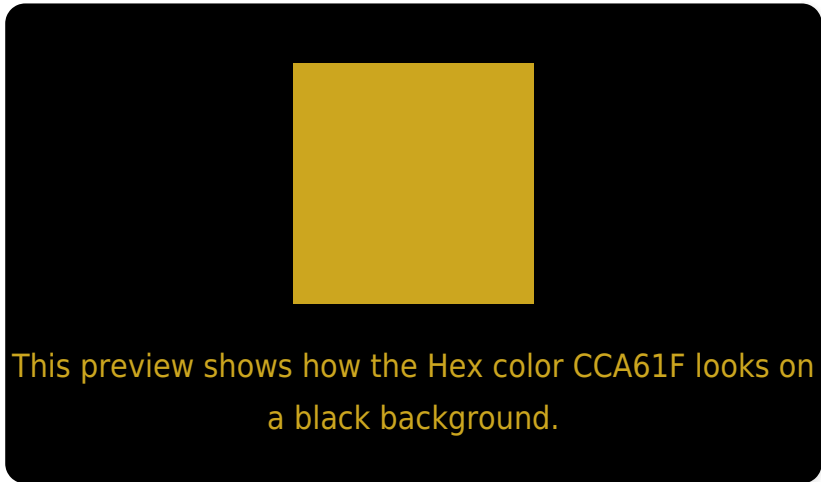
Large Text (above 18pt) WCAG AA × Fail

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 CCA61F Background



This preview shows how black text looks on a background with the Hex color CCA61F.



This preview shows how white text looks on a background with the Hex color CCA61F.

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
CCA61F

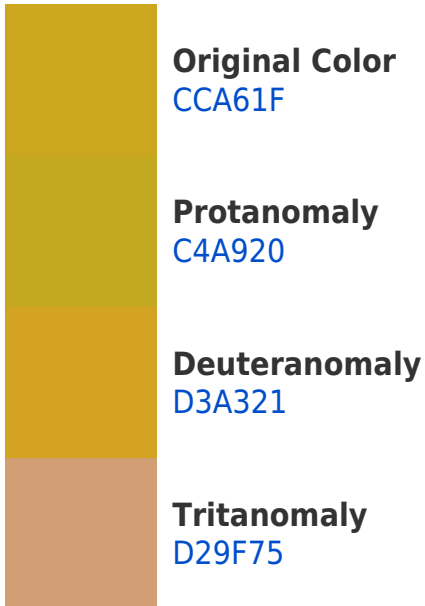
Protanopia
C0AB20

Deuteranopia
D7A122

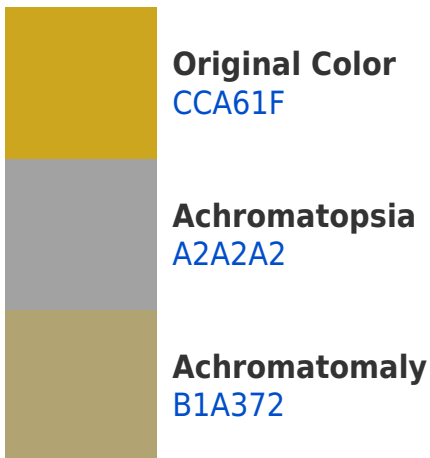


Tritanopia
D59BA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCA61F 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 #CCA61F looks like.

```
.text, #text, p{  
    color:#CCA61F  
}
```

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 #CCA61F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA61F
}
```

Border

The CSS property to change the border of an element to Hex CCA61F 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
#CCA61F }
```

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

```
.border{ border-color:#CCA61F }
```

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

Here you see how a box with a 4 pixel #CCA61F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA61F; -webkit-box-shadow:4px 4px  
4px 4px #CCA61F; box-shadow:4px 4px 4px  
4px #CCA61F }
```

Background

The CSS property to change the background color of an element to Hex CCA61F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA61F }
```

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

```
.background{ background-color:#CCA61F }
```

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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