

Converting Colors

Hex(C49F00)

Have a look what the booklet for
Hex(C49F00) contains.

| | |
|--|----|
| Hex(C49F00) | 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(C49F00)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C49F00 |
| RGB | 196, 159, 0 |
| RGB Percent | 77%, 62%, 0% |
| CMY | 0.2314, 0.3765, 1.0000 |
| CMYK | 0.00, 0.19, 1.00, 0.23 |
| HSL | 49°, 100%, 38% |
| HSV | 49°, 100%, 77% |
| XYZ | 35.1631, 36.5320, 5.1981 |
| YIQ | 151.9370, 73.0910, -41.6050 |

Conversions

Conversions Part 2

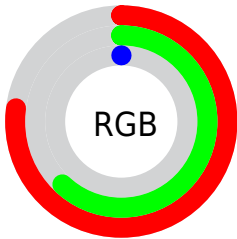
| Format | Color |
|-------------------------------------|--|
| RYB | 46, 196, 0 |
| Decimal | 12885760 |
| CIELab | 66.92, 1.51, 70.42 |
| CIElCh | 67, 70.436, 88.776 |
| Yxy | 36.5320, 0.4573, 0.4751 |
| Android (android.graphics.Color) | 4291075840 (0xFFC49F00) |
| YUV | 151.9370, -74.9049, 38.6433 |
| Hunter-Lab | 60.4417, -1.9274, 37.2102 |

Details

The Hex color **C49F00** 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 **0025C4**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFD54B**, and **896C00** is the 20% darker color. If you saturate the color by 10%, you get **C49F00**, and if you desaturate by 10%, it is **C4A314**.

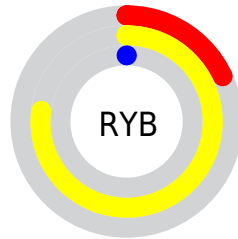
Distribution



Red (77%)

Green (62%)

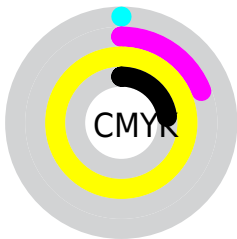
Blue (0%)



Red (18%)

Yellow (77%)

Blue (0%)

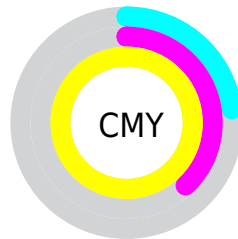


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (23%)



Cyan (23%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C49F00 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 C49F00 by changing the saturation by 10% instead.

 C49F00

 C49F00

FFFFFF

 A68500


 FFD54B

 896C00

 FFF268

 6D5400


 FFFF83

 513D00

 FFFF9F

 372800

 FFFFBC

 1E1400

 FFFFFD9

 000000

 FFFFF6

 C49F00

 C4A314

 C4A627

 C4AA3B

 C4AE4E

 C4B262

 C4B576

 C4B989

 C4BD9D

 C4C0B0

Harmonies

Analogous

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



F48633



C49F00



85B123

Triad

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



C49F00



00CODE



EC76E6

Complementary

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



C49F00



0025C4

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.



9C93FF



C49F00



00BAFF

Square

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



C49F00



00C09E



00ABFF



FF63A8

Rectangle

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



C49F00



4CB949



00ABFF



D780F7

Sweetspot

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



C49F00



FFF1B3



C40027



807752



000000



808080

Same Dimension

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



C49F00



FFCF00



89C400



615F57



A18200



211B00

Inverse Universe

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



0025C4



0030FF



3B00C4



575961



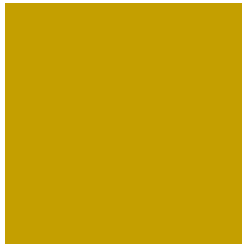
001EA1



000621

Previews

White Background



This preview shows how the Hex color C49F00 looks on a white background.

Color Contrast Check

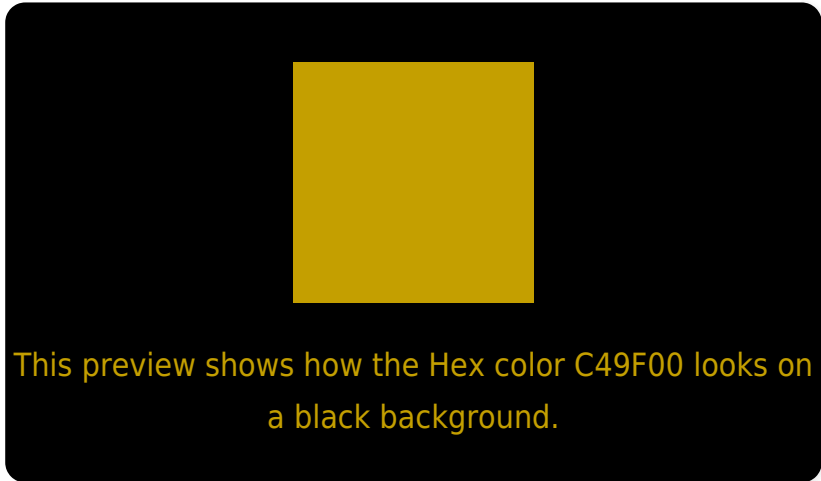
Large Text (above 18pt) WCAG AA × Fail

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 C49F00 Background



This preview shows how black text looks on a background with the Hex color C49F00.

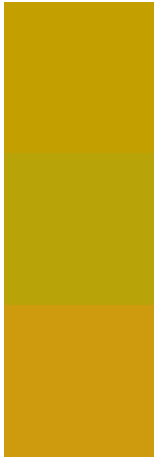


This preview shows how white text looks on a background with the Hex color C49F00.

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
C49F00

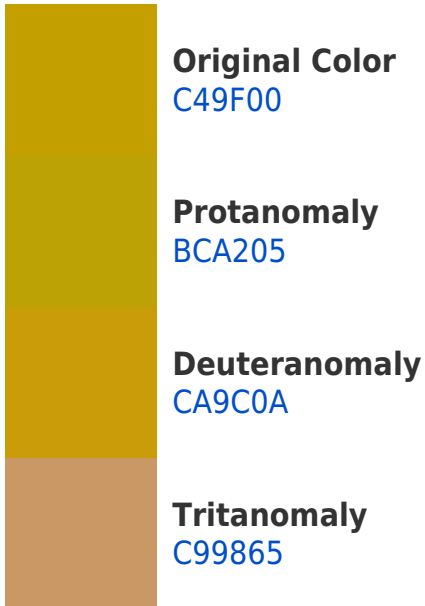
Protanopia
B8A408

Deuteranopia
CE9B0F



Tritanopia
CC949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C49F00 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 #C49F00 looks like.

```
.text, #text, p{  
    color:#C49F00  
}
```

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 #C49F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C49F00
}
```

Border

The CSS property to change the border of an element to Hex C49F00 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
#C49F00 }
```

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

```
.border{ border-color:#C49F00 }
```

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

Here you see how a box with a 4 pixel #C49F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C49F00; -webkit-box-shadow:4px 4px  
4px 4px #C49F00; box-shadow:4px 4px 4px  
4px #C49F00 }
```

Background

The CSS property to change the background color of an element to Hex C49F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C49F00 }
```

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

```
.background{ background-color:#C49F00 }
```

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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