

Converting Colors

Hex(C4691F)

Have a look what the booklet for
Hex(C4691F) contains.

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Color

Hex(C4691F)

Conversions

Conversions Part 1

Format	Color
Hex	C4691F
RGB	196, 105, 31
RGB Percent	77%, 41%, 12%
CMY	0.2314, 0.5882, 0.8784
CMYK	0.00, 0.46, 0.84, 0.23
HSL	27°, 73%, 45%
HSV	27°, 84%, 77%
XYZ	28.0638, 21.9378, 4.0516
YIQ	123.7730, 77.9900, -3.7220

Conversions

Conversions Part 2

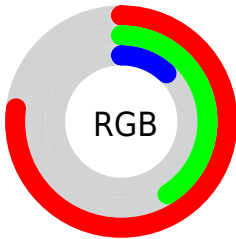
Format	Color
RYB	196, 165, 31
Decimal	12871967
CIELab	53.96, 31.39, 53.85
CIElCh	54, 62.332, 59.763
Yxy	21.9378, 0.5192, 0.4059
Android (android.graphics.Color)	4291062047 (0xFFC4691F)
YUV	123.7730, -45.7371, 63.3431
Hunter-Lab	46.8379, 24.9857, 27.6577

Details

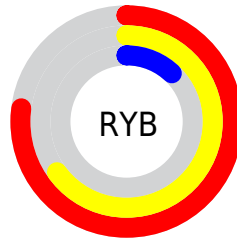
The Hex color **C4691F** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **1F7AC4**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF9D52**, and **883800** is the 20% darker color. If you saturate the color by 10%, you get **C45E0B**, and if you desaturate by 10%, it is **C47433**.

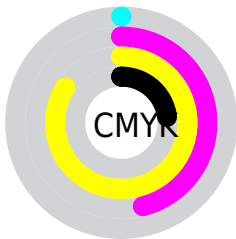
Distribution



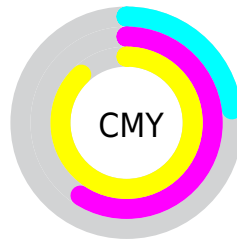
- Red (77%)
- Green (41%)
- Blue (12%)



- Red (77%)
- Yellow (65%)
- Blue (12%)



- Cyan (0%)
- Magenta (46%)
- Yellow (84%)
- Black (23%)



- Cyan (23%)
- Magenta (59%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4691F 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 C4691F by changing the saturation by 10% instead.

 C4691F

 C4691F

FFFFFF

 A65000

 FF9D52

 883800

 FFB86C

 6A2000

 FFD487

 4E0600

 FFF1A2

 330000

 FFFFFD

 0E0000

 FFFFFA

 000000

 FFFFF6

 C4691F

 C4691F

 C45E0B

 C47433

 C45800

 C47F46

 C4895A

 C4946D

 C49F81

 C4AA95

 C4B5A8

 C4BFBC

 C4CACF

Harmonies

Analogous

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



DD524F



C4691F



9B7E00

Triad

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



C4691F



00997F



7D73DF

Complementary

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



C4691F



1F7AC4

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.



0088ED



C4691F



0099B5

Square

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



C4691F



009647



0094DE



C159B8

Rectangle

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



C4691F



798900



0094DE



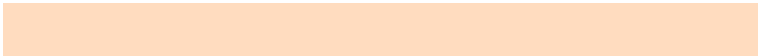
597BE7

Sweetspot

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



C4691F



FFDCBF



C41F7C



806A59



000000



808080

Same Dimension

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



C4691F



FF7200



C4B91F



615C57



A14800



210F00

Inverse Universe

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



1F7AC4



008DFF



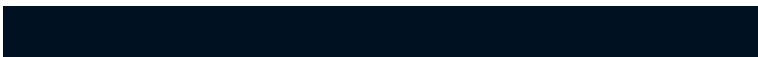
1F2AC4



575D61



0059A1



001221

Previews

White Background



This preview shows how the Hex color C4691F looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

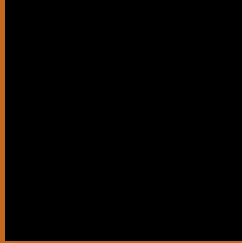
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex C4691F Background



This preview shows how black text looks on a background with the Hex color C4691F.



This preview shows how white text looks on a background with the Hex color C4691F.

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
C4691F

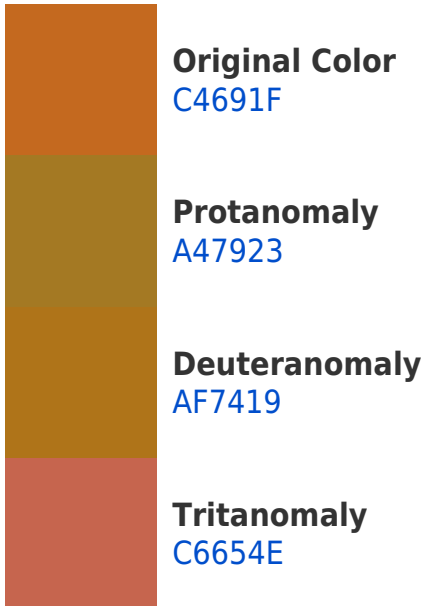
Protanopia
918225

Deuteranopia
A37B16



Tritanopia
C76269

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4691F 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 #C4691F looks like.

```
.text, #text, p{  
    color:#C4691F  
}
```

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 #C4691F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4691F
}
```

Border

The CSS property to change the border of an element to Hex C4691F 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
#C4691F }
```

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

```
.border{ border-color:#C4691F }
```

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

Here you see how a box with a 4 pixel #C4691F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4691F; -webkit-box-shadow:4px 4px  
4px 4px #C4691F; box-shadow:4px 4px 4px  
4px #C4691F }
```

Background

The CSS property to change the background color of an element to Hex C4691F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4691F }
```

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

```
.background{ background-color:#C4691F }
```

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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