

Converting Colors

Hex(CF6700)

Have a look what the booklet for
Hex(CF6700) contains.

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Color

Hex(CF6700)

Conversions

Conversions Part 1

Format	Color
Hex	CF6700
RGB	207, 103, 0
RGB Percent	81%, 40%, 0%
CMY	0.1882, 0.5961, 1.0000
CMYK	0.00, 0.50, 1.00, 0.19
HSL	30°, 100%, 41%
HSV	30°, 100%, 81%
XYZ	30.5824, 22.9659, 2.8210
YIQ	122.3540, 95.0470, -9.9850

Conversions

Conversions Part 2

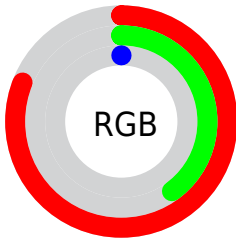
Format	Color
R_{YB}	207, 205, 0
Decimal	13592320
CIE _{Lab}	55.04, 36.43, 63.30
CIE _{LCh}	55, 73.031, 60.080
Yxy	22.9659, 0.5425, 0.4074
Android (android.graphics.Color)	4291782400 (0xFFCF6700)
YUV	122.3540, -60.3205, 74.2345
Hunter-Lab	47.9227, 30.0467, 30.0558

Details

The Hex color **CF6700** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **0068CF**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF9C41**, and **913500** is the 20% darker color. If you saturate the color by 10%, you get **CF6700**, and if you desaturate by 10%, it is **CF7115**.

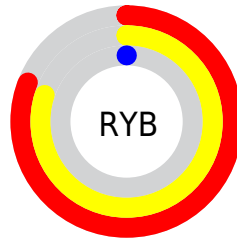
Distribution



Red (81%)

Green (40%)

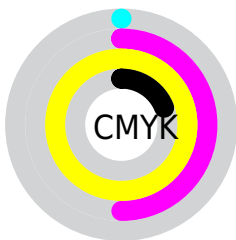
Blue (0%)



Red (81%)

Yellow (80%)

Blue (0%)

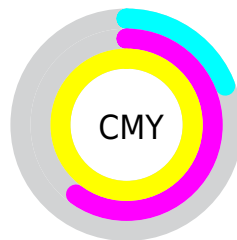


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF6700 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 CF6700 by changing the saturation by 10% instead.

 CF6700

 CF6700

FFFFFF

 B04E00

 FF9C41

 913500

 FFB75C

 731C00

 FFD376

 560000

 FFF091

 3A0000

 FFFFAD

 1C0001

 FFFFC9

 000000

 FFFF E6

 CF6700

 CF7115

 CF7C29

 CF863E

 CF9153

 CF9B68

 CFA57C

 CFB091

 CFBAA6

 CFC5BA

Harmonies

Analogous

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



ED4748



CF6700



9F8100

Triad

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



CF6700



009F82



7D73F2

Complementary

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



CF6700



0068CF

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.



008CFF



CF6700



009FC2

Square

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



CF6700



009B40



009AF2



CE51C4

Rectangle

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



CF6700



778D00



009AF2



4A7CFC

Sweetspot

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



CF6700



FFD9B3



CF006B



806852



000000



808080

Same Dimension

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



CF6700



FF7F00



CFCC00



69635E



A85400



291400

Inverse Universe

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



0068CF



0080FF



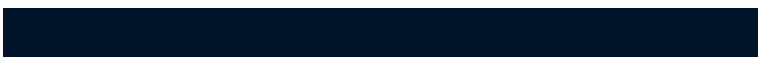
0003CF



5E6369



0055A8



001429

Previews

White Background



This preview shows how the Hex color CF6700 looks on a white background.

Color Contrast Check

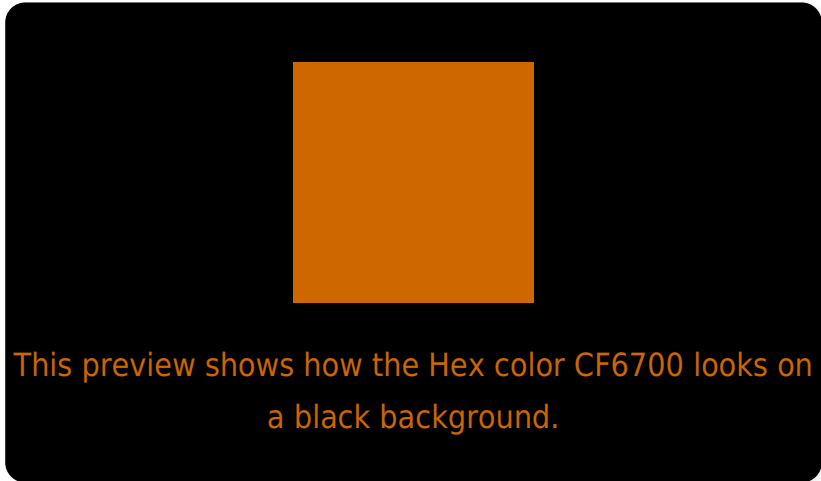
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF6700 Background



This preview shows how black text looks on a background with the Hex color CF6700.



This preview shows how white text looks on a background with the Hex color CF6700.

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
CF6700

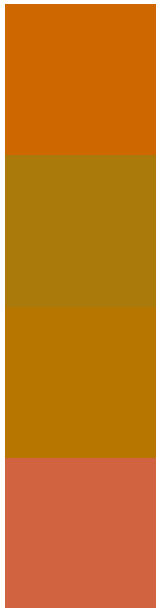
Protanopia
958512

Deuteranopia
A77E00



Tritanopia
D26066

Trichromacy



Original Color
CF6700

Protanomaly
AA7A0B

Deuteranomaly
B67600

Tritanomaly
D16341

Monochromacy



Original Color
CF6700

Achromatopsia
7A7A7A

Achromatomaly
99734E

CSS Examples

Text

The CSS property to change the color of the text to Hex CF6700 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 #CF6700 looks like.

```
.text, #text, p{  
    color:#CF6700  
}
```

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 #CF6700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF6700  
}
```

Border

The CSS property to change the border of an element to Hex CF6700 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  
#CF6700 }
```

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

```
.border{ border-color:#CF6700 }
```

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

Here you see how a box with a 4 pixel #CF6700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF6700; -webkit-box-shadow:4px 4px  
4px 4px #CF6700; box-shadow:4px 4px 4px  
4px #CF6700 }
```

Background

The CSS property to change the background color of an element to Hex CF6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF6700 }
```

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

```
.background{ background-color:#CF6700 }
```

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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