

Converting Colors

Hex(CC6703)

Have a look what the booklet for
Hex(CC6703) contains.

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Color

Hex(CC6703)

Conversions

Conversions Part 1

Format	Color
Hex	CC6703
RGB	204, 103, 3
RGB Percent	80%, 40%, 1%
CMY	0.2000, 0.5961, 0.9882
CMYK	0.00, 0.50, 0.99, 0.20
HSL	30°, 97%, 41%
HSV	30°, 99%, 80%
XYZ	29.7685, 22.5444, 2.8687
YIQ	121.7990, 92.2960, -9.6880

Conversions

Conversions Part 2

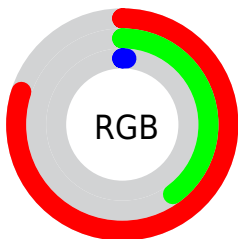
Format	Color
R_{YB}	204, 202, 3
Decimal	13395715
CIE Lab	54.60, 35.24, 62.21
CIE LCh	55, 71.502, 60.468
Yxy	22.5444, 0.5395, 0.4085
Android (android.graphics.Color)	4291585795 (0xFFCC6703)
YUV	121.7990, -58.5679, 72.0903
Hunter-Lab	47.4810, 28.8201, 29.6545

Details

The Hex color **CC6703** 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 **0368CC**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF9B42**, and **8F3500** is the 20% darker color. If you saturate the color by 10%, you get **CC6500**, and if you desaturate by 10%, it is **CC7117**.

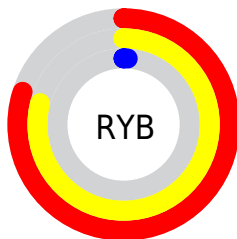
Distribution



Red (80%)

Green (40%)

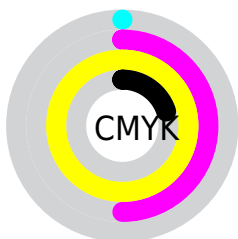
Blue (1%)



Red (80%)

Yellow (79%)

Blue (1%)

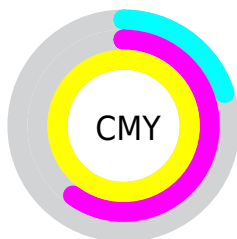


Cyan (0%)

Magenta (50%)

Yellow (99%)

Black (20%)



Cyan (20%)

Magenta (60%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC6703 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 CC6703 by changing the saturation by 10% instead.

 CC6703

 CC6703

FFFFFF

 AD4E00

 FF9B42

 8F3500

 FFB75D

 701D00

 FFD377

 530000

 FFEF92

 380000

 FFFFAE

 190001

 FFFFCA

 000000

 FFFF E7

 CC6703

 CC6703

■ CC6500

■ CC7117

■ CC7C2C

■ CC8640

■ CC9055

■ CC9A69

■ CCA57D

■ CCAF92

■ CCB9A6

■ CCC3BB

Harmonies

Analogous

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



E94848



CC6703



9D8000

Triad

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



CC6703



009E82



7E71EE

Complementary

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



CC6703



0368CC

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.



008AFF



CC6703



009EC0

Square

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



CC6703



009A41



0098EE



CC51C1

Rectangle

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



CC6703



758C00



0098EE



4F7BF8

Sweetspot

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



CC6703



FFD9B3



CC036B



806852



000000



808080

Same Dimension

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



CC6703



FF7F00



CCC903



66615C



A65200



261300

Inverse Universe

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



0368CC



0080FF



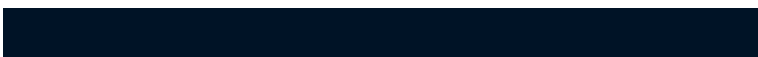
0306CC



5C6166



0053A6



001326

Previews

White Background



This preview shows how the Hex color CC6703 looks on a white background.

Color Contrast Check

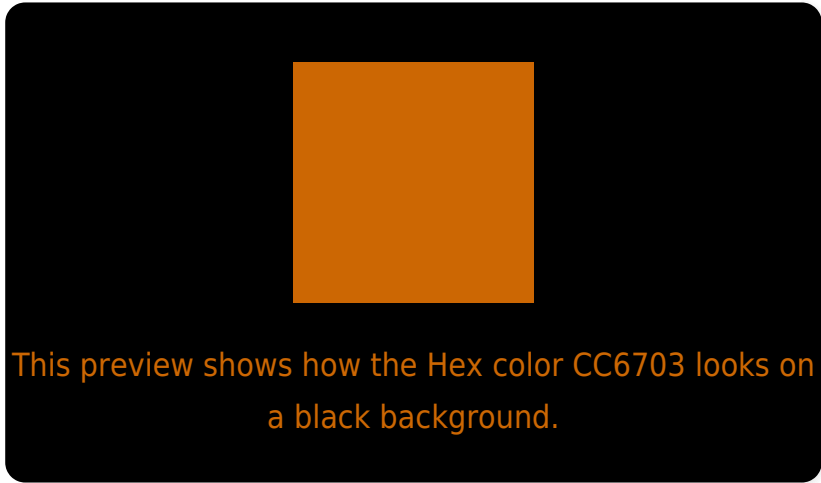
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC6703 Background



This preview shows how black text looks on a background with the Hex color CC6703.



This preview shows how white text looks on a background with the Hex color CC6703.

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

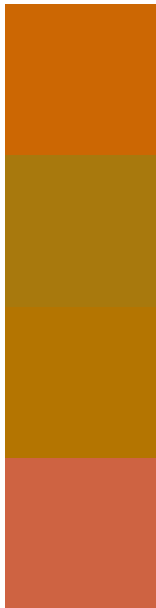


Original Color
CC6703

Protanopia
948412

Deuteranopia
A67D00

Trichromacy



Original Color
CC6703

Protanomaly
A8790D

Deuteranomaly
B47501

Tritanomaly
CE6342

Monochromacy



Original Color
CC6703

Achromatopsia
7A7A7A

Achromatomaly
98734F

CSS Examples

Text

The CSS property to change the color of the text to Hex CC6703 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 #CC6703 looks like.

```
.text, #text, p{  
    color:#CC6703  
}
```

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 #CC6703 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC6703  
}
```

Border

The CSS property to change the border of an element to Hex CC6703 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  
#CC6703 }
```

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

```
.border{ border-color:#CC6703 }
```

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

Here you see how a box with a 4 pixel #CC6703 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC6703; -webkit-box-shadow:4px 4px  
4px 4px #CC6703; box-shadow:4px 4px 4px  
4px #CC6703 }
```

Background

The CSS property to change the background color of an element to Hex CC6703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC6703 }
```

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

```
.background{ background-color:#CC6703 }
```

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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