

Converting Colors

Hex(CB6708)

Have a look what the booklet for
Hex(CB6708) contains.

Hex(CB6708)	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(CB6708)

Conversions

Conversions Part 1

Format	Color
Hex	CB6708
RGB	203, 103, 8
RGB Percent	80%, 40%, 3%
CMY	0.2039, 0.5961, 0.9686
CMYK	0.00, 0.49, 0.96, 0.20
HSL	29°, 92%, 41%
HSV	29°, 96%, 80%
XYZ	29.5227, 22.4145, 3.0002
YIQ	122.0700, 90.0950, -8.3450

Conversions

Conversions Part 2

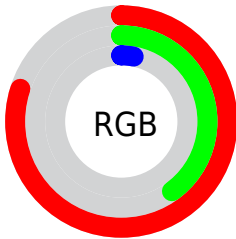
Format	Color
R _Y B	203, 193, 8
Decimal	13330184
CIE Lab	54.46, 34.89, 61.08
CIE LCh	54, 70.346, 60.263
Yxy	22.4145, 0.5374, 0.4080
Android (android.graphics.Color)	4291520264 (0xFFCB6708)
YUV	122.0700, -56.2365, 70.9756
Hunter-Lab	47.3440, 28.4567, 29.3836

Details

The Hex color **CB6708** 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 **086CCB**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF9B44**, and **8E3500** is the 20% darker color. If you saturate the color by 10%, you get **CB6300**, and if you desaturate by 10%, it is **CB711C**.

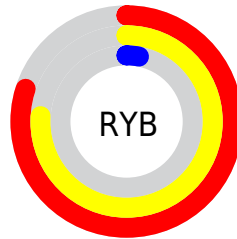
Distribution



Red (80%)

Green (40%)

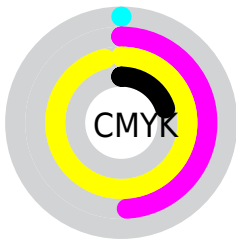
Blue (3%)



Red (80%)

Yellow (76%)

Blue (3%)

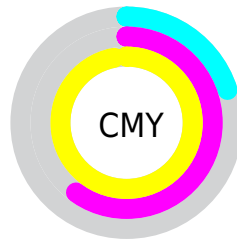


Cyan (0%)

Magenta (49%)

Yellow (96%)

Black (20%)



Cyan (20%)

Magenta (60%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB6708 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 CB6708 by changing the saturation by 10% instead.

 CB6708

 CB6708

FFFFFF

 AC4E00

 FF9B44

 8E3500

 FFB75F

 701D00

 FFD379

 520100

 FFEF94

 370000

 FFFF80

 170000

 FFFFCC

 000000

 FFFF99

 CB6708

 CB6708

■ CB6300

■ CB711C

■ CB7C31

■ CB8645

■ CB9159

■ CB9B6E

■ CBA582

■ CBB096

■ CBBAAA

■ CBC5BF

Harmonies

Analogous

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



E84949



CB6708



9C8000

Triad

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



CB6708



009D81



7D72EC

Complementary

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



CB6708



086CCB

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.



008AFD



CB6708



009DBE

Square

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



CB6708



009942



0097EC



CA52C0

Rectangle

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



CB6708



768C00



0097EC



4F7BF5

Sweetspot

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



CB6708



FFD9B5



CB086D



806953



000000



808080

Same Dimension

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



CB6708



FF7C00



CBC808



66615C



A65100



261300

Inverse Universe

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



086CCB



0083FF



080BCB



5C6166



0055A6



001426

Previews

White Background



This preview shows how the Hex color CB6708 looks on a white background.

Color Contrast Check

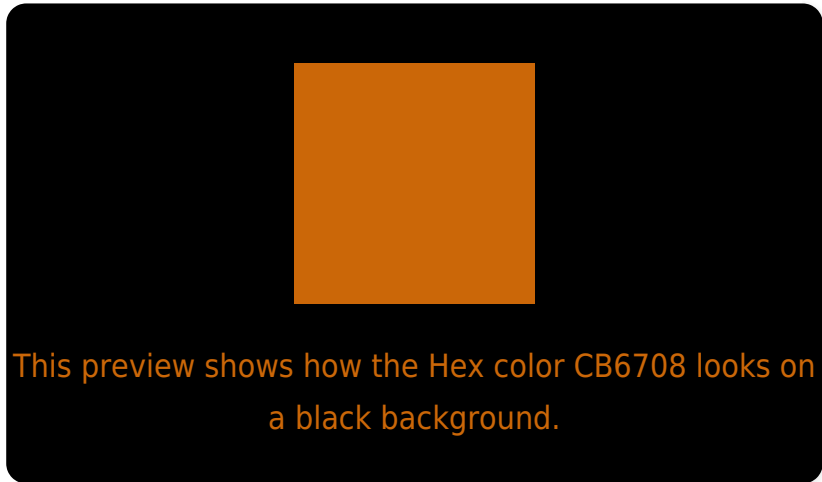
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB6708 Background



This preview shows how black text looks on a background with the Hex color CB6708.



This preview shows how white text looks on a background with the Hex color CB6708.

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

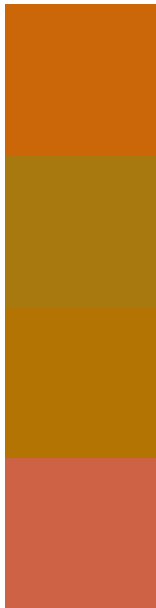


Original Color
CB6708

Protanopia
938313

Deuteranopia
A57C00

Trichromacy



Original Color
CB6708

Protanomaly
A7790F

Deuteranomaly
B37403

Tritanomaly
CD6344

Monochromacy



Original Color
CB6708

Achromatopsia
7A7A7A

Achromatomaly
977351

CSS Examples

Text

The CSS property to change the color of the text to Hex CB6708 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 #CB6708 looks like.

```
.text, #text, p{  
    color:#CB6708  
}
```

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 #CB6708 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB6708  
}
```

Border

The CSS property to change the border of an element to Hex CB6708 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  
#CB6708 }
```

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

```
.border{ border-color:#CB6708 }
```

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

Here you see how a box with a 4 pixel #CB6708 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB6708; -webkit-box-shadow:4px 4px  
4px 4px #CB6708; box-shadow:4px 4px 4px  
4px #CB6708 }
```

Background

The CSS property to change the background color of an element to Hex CB6708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB6708 }
```

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

```
.background{ background-color:#CB6708 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor