

Converting Colors

Hex(CB730C)

Have a look what the booklet for
Hex(CB730C) contains.

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Color

Hex(CB730C)

Conversions

Conversions Part 1

Format	Color
Hex	CB730C
RGB	203, 115, 12
RGB Percent	80%, 45%, 5%
CMY	0.2039, 0.5490, 0.9529
CMYK	0.00, 0.43, 0.94, 0.20
HSL	32°, 89%, 42%
HSV	32°, 94%, 80%
XYZ	30.8257, 24.9845, 3.5456
YIQ	129.5700, 85.5110, -13.3770

Conversions

Conversions Part 2

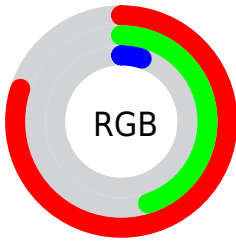
Format	Color
R_{YB}	175, 203, 12
Decimal	13333260
CIE Lab	57.06, 28.61, 62.10
CIE LCh	57, 68.374, 65.262
Yxy	24.9845, 0.5193, 0.4209
Android (android.graphics.Color)	4291523340 (0xFFCB730C)
YUV	129.5700, -57.9620, 64.3981
Hunter-Lab	49.9845, 22.6089, 30.7835

Details

The Hex color **CB730C** 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 **0C64CB**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FFA848**, and **8E4200** is the 20% darker color. If you saturate the color by 10%, you get **CB6D00**, and if you desaturate by 10%, it is **CB7C20**.

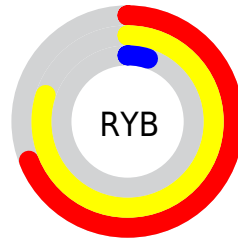
Distribution



Red (80%)

Green (45%)

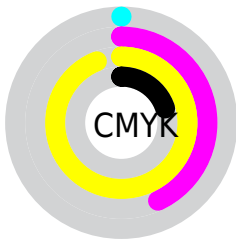
Blue (5%)



Red (69%)

Yellow (80%)

Blue (5%)

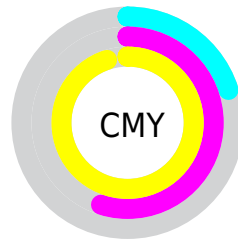


Cyan (0%)

Magenta (43%)

Yellow (94%)

Black (20%)



Cyan (20%)

Magenta (55%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB730C 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 CB730C by changing the saturation by 10% instead.

 CB730C

 CB730C

FFFFFF

 AC5A00

 FFA848

 8E4200

 FFC363

 712A00

 FFDF7D

 541300

 FFFC99

 380000

 FFFFB4

 1D0001

 FFFFD1

 000000

 FFFFEE

 CB730C

 CB730C

 CB6D00

 CB7C20

 CB8635

 CB8F49

 CB985D

 CBA272

 CBAB86

 CBB49A

 CBBEAE

 CBC7C3

Harmonies

Analogous

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



EB5847



CB730C



9B8A00

Triad

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



CB730C



00A492



9674EB

Complementary

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



CB730C



0C64CB

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.



008DFF



CB730C



00A3CD

Square

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



CB730C



00A154



009CF5



D857BC

Rectangle

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



CB730C



739400



009CF5



737DF6

Sweetspot

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



CB730C



FFDEB8



CB0C65



806C54



000000



808080

Same Dimension

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



CB730C



FF8A00



C5CB0C



66615C



A65900



261500

Inverse Universe

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



0C64CB



0075FF



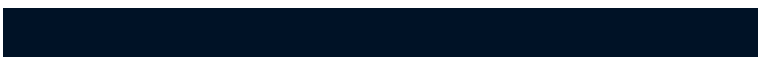
120CCB



5C6066



004CA6



001226

Previews

White Background



This preview shows how the Hex color CB730C looks on a white background.

Color Contrast Check

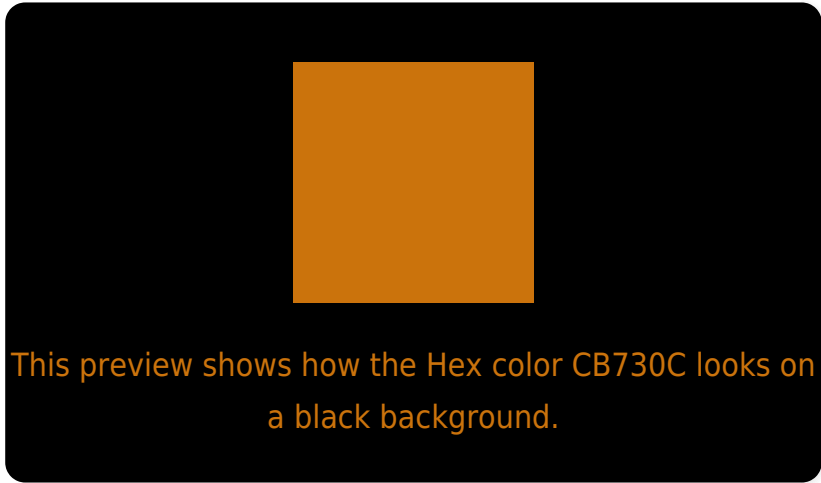
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB730C Background



This preview shows how black text looks on a background with the Hex color CB730C.



This preview shows how white text looks on a background with the Hex color CB730C.

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
CB730C

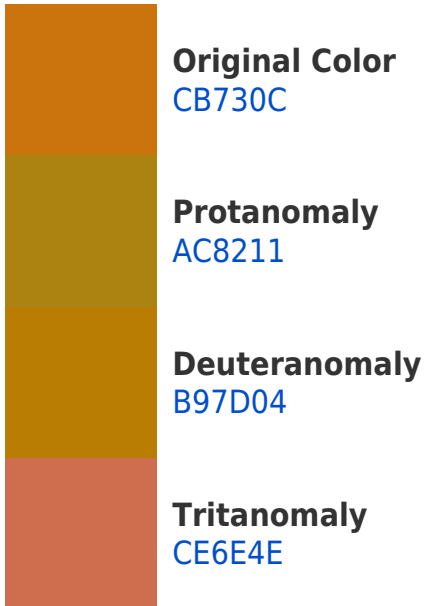
Protanopia
9B8A14

Deuteranopia
AE8200



Tritanopia
CF6B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB730C 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 #CB730C looks like.

```
.text, #text, p{  
    color:#CB730C  
}
```

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 #CB730C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB730C
}
```

Border

The CSS property to change the border of an element to Hex CB730C 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
#CB730C }
```

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

```
.border{ border-color:#CB730C }
```

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

Here you see how a box with a 4 pixel #CB730C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB730C; -webkit-box-shadow:4px 4px  
4px 4px #CB730C; box-shadow:4px 4px 4px  
4px #CB730C }
```

Background

The CSS property to change the background color of an element to Hex CB730C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB730C }
```

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

```
.background{ background-color:#CB730C }
```

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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