

Converting Colors

Hex(CC7801)

Have a look what the booklet for
Hex(CC7801) contains.

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Color

Hex(CC7801)

Conversions

Conversions Part 1

Format	Color
Hex	CC7801
RGB	204, 120, 1
RGB Percent	80%, 47%, 0%
CMY	0.2000, 0.5294, 0.9961
CMYK	0.00, 0.41, 1.00, 0.20
HSL	35°, 99%, 40%
HSV	35°, 100%, 80%
XYZ	31.6238, 26.2725, 3.4331
YIQ	131.5500, 88.2630, -19.2010

Conversions

Conversions Part 2

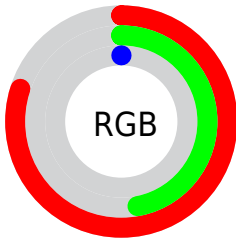
Format	Color
RYB	144, 204, 1
Decimal	13400065
CIELab	58.29, 26.23, 64.91
CIELCh	58, 70.011, 67.996
Yxy	26.2725, 0.5156, 0.4284
Android (android.graphics.Color)	4291590145 (0xFFCC7801)
YUV	131.5500, -64.3611, 63.5387
Hunter-Lab	51.2567, 20.4297, 31.9086

Details

The Hex color **CC7801** 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 **0155CC**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FFAD45**, and **8F4700** is the 20% darker color. If you saturate the color by 10%, you get **CC7800**, and if you desaturate by 10%, it is **CC8015**.

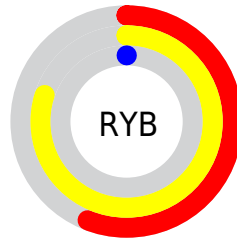
Distribution



Red (80%)

Green (47%)

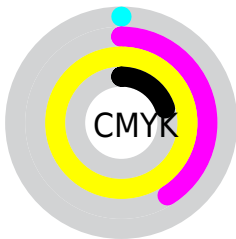
Blue (0%)



Red (56%)

Yellow (80%)

Blue (0%)

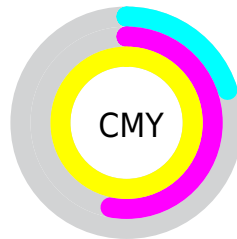


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC7801 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 CC7801 by changing the saturation by 10% instead.

 CC7801

 CC7801

FFFFFF

 AD5F00

 FFAD45

 8F4700

 FFC85F

 723000

 FFE47A

 551900

 FFFF96

 390200

 FFFFB2

 210001

 FFFFCE

 000000

 FFFFEB

 CC7801

 CC7801

■ CC7800

■ CC8015

■ CC892A

■ CC913E

■ CC9A53

■ CCA267

■ CCAB7B

■ CCB390

■ CCBCA4

■ CCC4B9

Harmonies

Analogous

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



EE5C44



CC7801



998F00

Triad

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



CC7801



00A89B



A274EE

Complementary

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



CC7801



0155CC

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.



008EFF



CC7801



00A7D7

Square

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



CC7801



00A55B



009FFE



E156BB

Rectangle

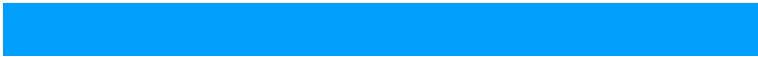
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CC7801



709900



009FFE



807EF9

Sweetspot

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



CC7801



FFDFB3



CC0156



806D52



000000



808080

Same Dimension

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



CC7801



FF9500



BBCC01



66625C



A66100



261600

Inverse Universe

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



0155CC



006AFF



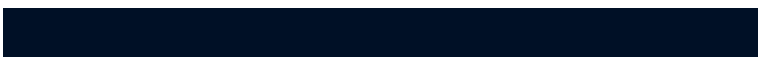
1201CC



5C6066



0045A6



001026

Previews

White Background



This preview shows how the Hex color CC7801 looks on a white background.

Color Contrast Check

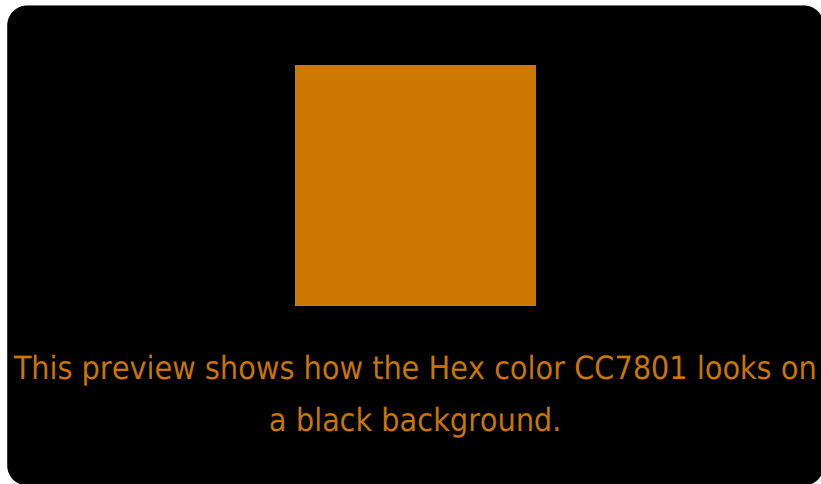
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC7801 Background



This preview shows how black text looks on a background with the Hex color CC7801.



This preview shows how white text looks on a background with the Hex color CC7801.

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
CC7801

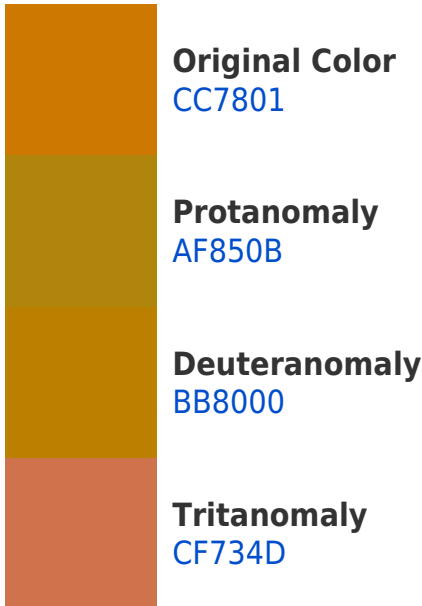
Protanopia
9F8D10

Deuteranopia
B28500

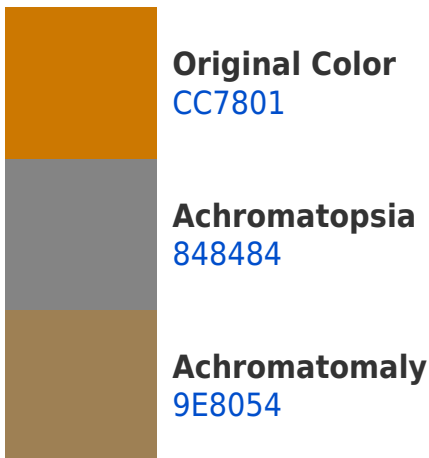


Tritanopia
D07078

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC7801 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 #CC7801 looks like.

```
.text, #text, p{  
    color:#CC7801  
}
```

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 #CC7801 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7801  
}
```

Border

The CSS property to change the border of an element to Hex CC7801 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  
#CC7801 }
```

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

```
.border{ border-color:#CC7801 }
```

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

Here you see how a box with a 4 pixel #CC7801 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7801; -webkit-box-shadow:4px 4px  
4px 4px #CC7801; box-shadow:4px 4px 4px  
4px #CC7801 }
```

Background

The CSS property to change the background color of an element to Hex CC7801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7801 }
```

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

```
.background{ background-color:#CC7801 }
```

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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