

Converting Colors

Hex(CC7736)

Have a look what the booklet for
Hex(CC7736) contains.

Hex(CC7736)	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(CC7736)

Conversions

Conversions Part 1	
Format	Color
Hex	CC7736
RGB	204, 119, 54
RGB Percent	80%, 47%, 21%
CMY	0.2000, 0.5333, 0.7882
CMYK	0.00, 0.42, 0.74, 0.20
HSL	26°, 60%, 51%
HSV	26°, 74%, 80%
XYZ	32.1645, 26.2974, 6.8707
YIQ	137.0050, 71.5250, -2.1950

Conversions

Conversions Part 2

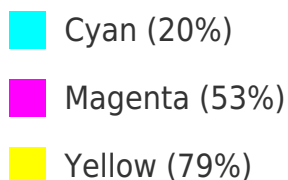
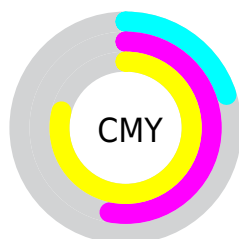
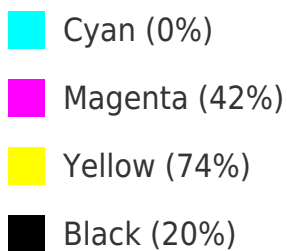
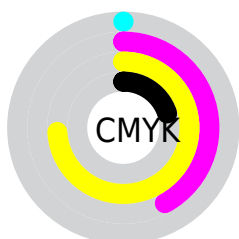
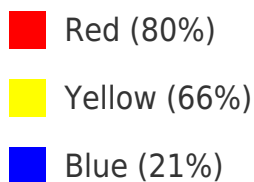
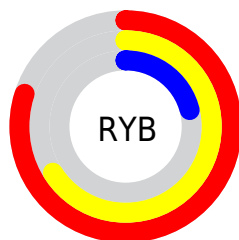
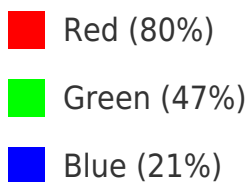
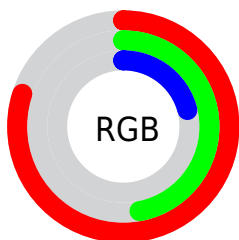
Format	Color
RYB	204, 169, 54
Decimal	13399862
CIELab	58.32, 28.09, 48.51
CIELCh	58, 56.059, 59.924
Yxy	26.2974, 0.4923, 0.4025
Android (android.graphics.Color)	4291589942 (0xFFCC7736)
YUV	137.0050, -40.9215, 58.7546
Hunter-Lab	51.2810, 22.2174, 27.9529

Details

The Hex color **CC7736** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **368BCC**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFAC68**, and **904500** is the 20% darker color. If you saturate the color by 10%, you get **CC6B22**, and if you desaturate by 10%, it is **CC834A**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color CC7736 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 CC7736 by changing the saturation by 10% instead.

 CC7736

FFFFFF

 FFAC68

 FFC782

 FFE49D

 FFFFB8

 FFFFD4

 FFFFF1

 CC7736

 AE5E1D

 904500

 742E00

 571700

 3B0000

 230001

 000000

 CC7736

 CC6B22

 CC7736

 CC834A

 CC600D

 CC8E5F

 CC5800

 CC9A73

 CCA588

 CCB19C

 CCBCB0

 CCC8C5

 CCD3D9

 CCDFEE

Harmonies

Analogous

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



E3655E



CC7736



A68A20

Triad

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



CC7736



00A48B



8C7FE2

Complementary

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



CC7736



368BCC

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.



0092EF



CC7736



00A3BC

Square

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



CC7736



2AA059



009EE1



C76ABE

Rectangle

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



CC7736



869426



009EE1



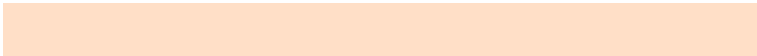
6F86E9

Sweetspot

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



CC7736



FFDFC7



CC368B



806D5E



000000



808080

Same Dimension

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



CC7736



FF801F



CCC236



66605C



A64800



261100

Inverse Universe

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



368BCC



1F9EFF



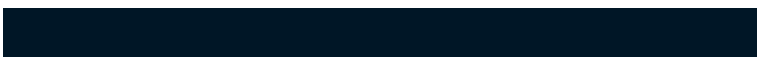
3640CC



5C6266



005EA6



001626

Previews

White Background



This preview shows how the Hex color CC7736 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



This preview shows how the Hex color CC7736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

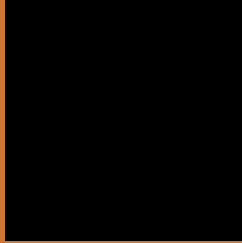
Any Text WCAG AA ✓ Pass

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 CC7736 Background



This preview shows how black text looks on a background with the Hex color CC7736.



This preview shows how white text looks on a background with the Hex color CC7736.

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

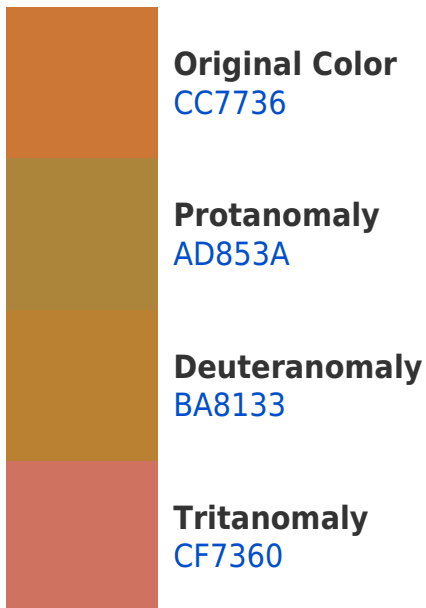


Original Color
CC7736

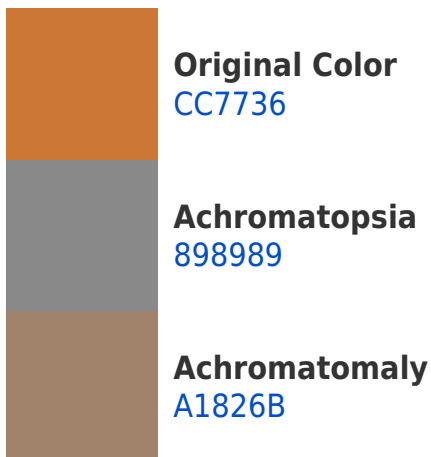
Protanopia
9C8D3C

Deuteranopia
B08632

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC7736 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 #CC7736 looks like.

```
.text, #text, p{  
    color:#CC7736  
}
```

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 #CC7736 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7736
}
```

Border

The CSS property to change the border of an element to Hex CC7736 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
#CC7736 }
```

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

```
.border{ border-color:#CC7736 }
```

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

Here you see how a box with a 4 pixel #CC7736 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7736; -webkit-box-shadow:4px 4px  
4px 4px #CC7736; box-shadow:4px 4px 4px  
4px #CC7736 }
```

Background

The CSS property to change the background color of an element to Hex CC7736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7736 }
```

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

```
.background{ background-color:#CC7736 }
```

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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