

Converting Colors

Hex(C7650F)

Have a look what the booklet for
Hex(C7650F) contains.

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Color

Hex(C7650F)

Conversions

Conversions Part 1

Format	Color
Hex	C7650F
RGB	199, 101, 15
RGB Percent	78%, 40%, 6%
CMY	0.2196, 0.6039, 0.9412
CMYK	0.00, 0.49, 0.92, 0.22
HSL	28°, 86%, 42%
HSV	28°, 92%, 78%
XYZ	28.2931, 21.4840, 3.1075
YIQ	120.4980, 86.0140, -5.9700

Conversions

Conversions Part 2

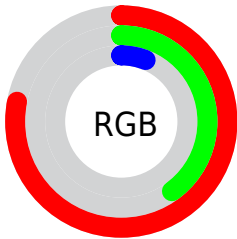
Format	Color
RYB	199, 176, 15
Decimal	13067535
CIELab	53.48, 34.39, 58.66
CIELCh	53, 68.001, 59.622
Yxy	21.4840, 0.5350, 0.4062
Android (android.graphics.Color)	4291257615 (0xFFC7650F)
YUV	120.4980, -52.0105, 68.8463
Hunter-Lab	46.3508, 27.8447, 28.4705

Details

The Hex color **C7650F** 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 **0F71C7**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF9947**, and **8A3300** is the 20% darker color. If you saturate the color by 10%, you get **C75D00**, and if you desaturate by 10%, it is **C77023**.

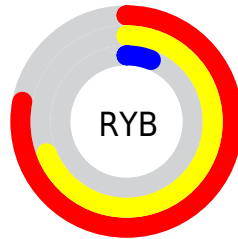
Distribution



Red (78%)

Green (40%)

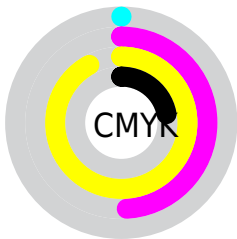
Blue (6%)



Red (78%)

Yellow (69%)

Blue (6%)

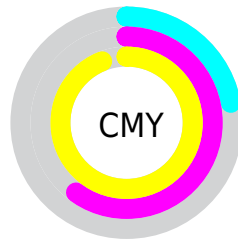


Cyan (0%)

Magenta (49%)

Yellow (92%)

Black (22%)



Cyan (22%)

Magenta (60%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7650F 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 C7650F by changing the saturation by 10% instead.

 C7650F

 C7650F

FFFFFF

 A84C00

 FF9947

 8A3300

 FFB461

 6C1B00

 FFD07C

 4F0000

 FFED97

 340000

 FFFFB2

 0F0000

 FFFFCE

 000000

 FFFFEB

 C7650F

 C7650F

 C75D00

 C77023

 C77A37

 C7854B

 C78F5F

 C79A73

 C7A586

 C7AF9A

 C7BAAE

 C7C4C2

Harmonies

Analogous

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



E2494A



C7650F



9A7D00

Triad

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



C7650F



009A7D



7970E7

Complementary

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



C7650F



0F71C7

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.



0087F6



C7650F



009AB8

Square

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



C7650F



009640



0094E5



C452BC

Rectangle

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



C7650F



768800



0094E5



4C79EF

Sweetspot

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



C7650F



FFD9B8



C70F71



806854



000000



808080

Same Dimension

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



C7650F



FF7700



C7C10F



635E5A



A34C00



241100

Inverse Universe

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



0F71C7



0088FF



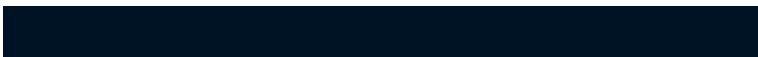
0F15C7



5A5F63



0057A3



001324

Previews

White Background



This preview shows how the Hex color C7650F 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 C7650F Background



This preview shows how black text looks on a background with the Hex color C7650F.

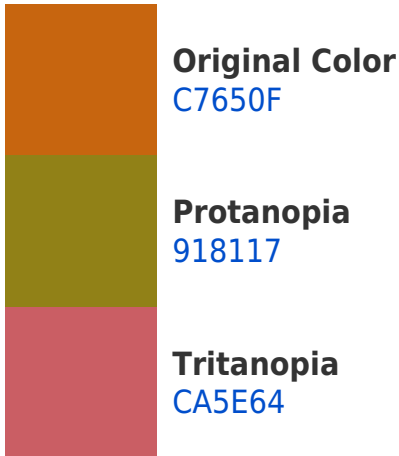


This preview shows how white text looks on a background with the Hex color C7650F.

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



Trichromacy



Original Color
C7650F

Protanomaly
A57714

Tritanomaly
C96145

Monochromacy



Original Color
C7650F

Achromatopsia
787878

Achromatomaly
957152

CSS Examples

Text

The CSS property to change the color of the text to Hex C7650F 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 #C7650F looks like.

```
.text, #text, p{  
    color:#C7650F  
}
```

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 #C7650F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7650F  
}
```

Border

The CSS property to change the border of an element to Hex C7650F 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  
#C7650F }
```

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

```
.border{ border-color:#C7650F }
```

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

Here you see how a box with a 4 pixel #C7650F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7650F; -webkit-box-shadow:4px 4px  
4px 4px #C7650F; box-shadow:4px 4px 4px  
4px #C7650F }
```

Background

The CSS property to change the background color of an element to Hex C7650F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7650F }
```

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

```
.background{ background-color:#C7650F }
```

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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