

Converting Colors

Hex(778C0F)

Have a look what the booklet for
Hex(778C0F) contains.

Hex(778C0F)	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(778C0F)

Conversions

Conversions Part 1

Format	Color
Hex	778C0F
RGB	119, 140, 15
RGB Percent	47%, 55%, 6%
CMY	0.5333, 0.4510, 0.9412
CMYK	0.15, 0.00, 0.89, 0.45
HSL	70°, 81%, 30%
HSV	70°, 89%, 55%
XYZ	17.0721, 22.7126, 3.9361
YIQ	119.4710, 27.6090, -43.3270

Conversions

Conversions Part 2

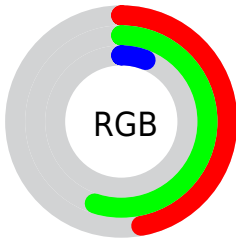
Format	Color
RYB	15, 140, 36
Decimal	7834639
CIELab	54.78, -22.95, 55.90
CIELCh	55, 60.426, 112.326
Yxy	22.7126, 0.3905, 0.5195
Android (android.graphics.Color)	4286024719 (0xFF778C0F)
YUV	119.4710, -51.5042, -0.4131
Hunter-Lab	47.6577, -19.4584, 28.4636

Details

The Hex color **778C0F** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **240F8C**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **AEC24B**, and **425A00** is the 20% darker color. If you saturate the color by 10%, you get **758C01**, and if you desaturate by 10%, it is **798C1D**.

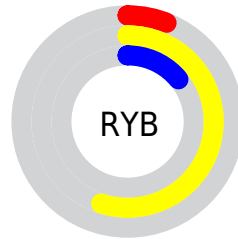
Distribution



Red (47%)

Green (55%)

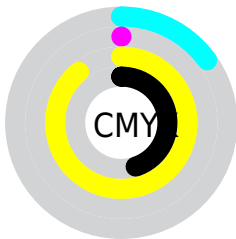
Blue (6%)



Red (6%)

Yellow (55%)

Blue (14%)

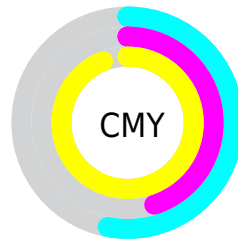


Cyan (15%)

Magenta (0%)

Yellow (89%)

Black (45%)



Cyan (53%)

Magenta (45%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 778C0F 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 778C0F by changing the saturation by 10% instead.



778C0F



778C0F

FFFFFF



5C7200



AEC24B



425A00



CBDD65



284200



E8FA80



0C2C00



FFFF9C



001900



FFFFB7



000000



FFFFD4



FFFFF1



778C0F



778C0F

■ 758C01

■ 798C1D

■ 748C00

■ 7C8C2B

■ 7E8C39

■ 808C47

■ 838C55

■ 858C63

■ 878C71

■ 8A8C7F

■ 8C8C8D

Harmonies

Analogous

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



A87C04



778C0F



2F963F

Triad

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



778C0F



0097D5



DA5093

Complementary

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



778C0F



240F8C

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.



B563C4



778C0F



008DEB

Square

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



778C0F



009BA9



687BE4



E0525F

Rectangle

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



778C0F



009961



687BE4



D155A4

Sweetspot

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



778C0F



ADB584



8C240F



575C3E



DBDBDB



5C5C5C

Same Dimension

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



778C0F



97B500



398C0F



44453E



6E8500



040500

Inverse Universe

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



240F8C



1E00B5



620F8C



3F3E45



160085



010005

Previews

White Background



This preview shows how the Hex color 778C0F looks on a white background.

Color Contrast Check

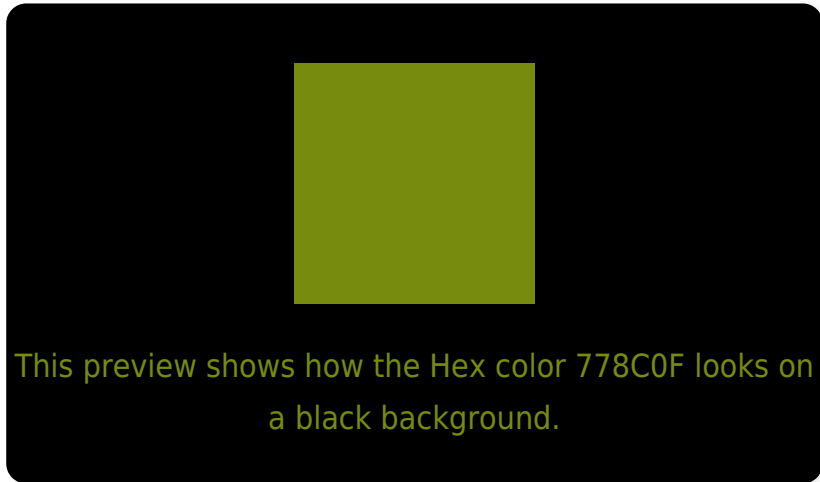
Large Text (above 18pt) WCAG AA ✓ Pass

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 778C0F Background



This preview shows how black text looks on a background with the Hex color 778C0F.



This preview shows how white text looks on a background with the Hex color 778C0F.

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
778C0F

Protanopia
94830B

Deuteranopia
A57C1C



Tritanopia
82828C

Trichromacy



Original Color
778C0F

Protanomaly
89860C

Deuteranomaly
948217

Tritanomaly
7E865F

Monochromacy



Original Color
778C0F

Achromatopsia
777777

Achromatomaly
777F51

CSS Examples

Text

The CSS property to change the color of the text to Hex 778C0F 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 #778C0F looks like.

```
.text, #text, p{  
    color:#778C0F  
}
```

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 #778C0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778C0F
}
```

Border

The CSS property to change the border of an element to Hex 778C0F 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
#778C0F }
```

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

```
.border{ border-color:#778C0F }
```

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

Here you see how a box with a 4 pixel #778C0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778C0F; -webkit-box-shadow:4px 4px  
4px 4px #778C0F; box-shadow:4px 4px 4px  
4px #778C0F }
```

Background

The CSS property to change the background color of an element to Hex 778C0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778C0F }
```

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

```
.background{ background-color:#778C0F }
```

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