

Converting Colors

Hex(778D00)

Have a look what the booklet for
Hex(778D00) contains.

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Color

Hex(778D00)

Conversions

Conversions Part 1

Format	Color
Hex	778D00
RGB	119, 141, 0
RGB Percent	47%, 55%, 0%
CMY	0.5333, 0.4471, 1.0000
CMYK	0.16, 0.00, 1.00, 0.45
HSL	69°, 100%, 28%
HSV	69°, 100%, 55%
XYZ	17.1326, 22.9717, 3.5310
YIQ	118.3480, 32.1490, -48.5150

Conversions

Conversions Part 2

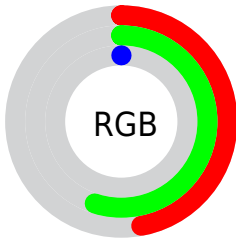
Format	Color
RYB	0, 141, 22
Decimal	7834880
CIELab	55.04, -23.78, 58.71
CIElCh	55, 63.342, 112.048
Yxy	22.9717, 0.3926, 0.5264
Android (android.graphics.Color)	4286024960 (0xFF778D00)
YUV	118.3480, -58.3456, 0.5718
Hunter-Lab	47.9288, -20.0688, 29.1822

Details

The Hex color **778D00** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **16008D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **AFC345**, and **425B00** is the 20% darker color. If you saturate the color by 10%, you get **778D00**, and if you desaturate by 10%, it is **798D0E**.

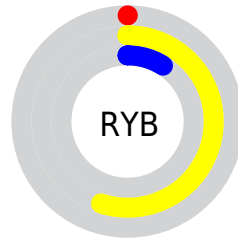
Distribution



Red (47%)

Green (55%)

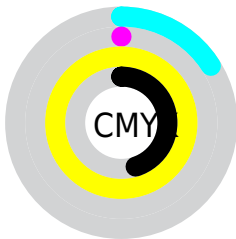
Blue (0%)



Red (0%)

Yellow (55%)

Blue (9%)

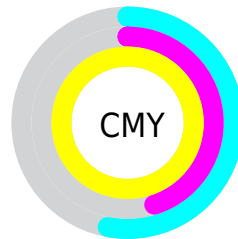


Cyan (16%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (53%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 778D00 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 778D00 by changing the saturation by 10% instead.

 778D00

 778D00

FFFFFF

 5C7300

 AFC345

 425B00

 CBDE60

 274300

 E9FB7B

 0B2D00

 FFFF96

 001A00

 FFFFB2

 000000

 FFFFCE

 FFFFEC

 778D00

 798D0E

 7B8D1C

 7E8D2A

 808D38

 828D47

 848D55

 868D63

 898D71

 8B8D7F

Harmonies

Analogous

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



AA7C00



778D00



29973B

Triad

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



778D00



0099DA



DE4D95

Complementary

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



778D00



16008D

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.



B762C8



778D00



008FF1

Square

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



778D00



009DAB



647BEA



E44F5E

Rectangle

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



778D00



009B60



647BEA



D552A7

Sweetspot

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



778D00



AFB881



8D1500



575C3B



DBDBDB



5C5C5C

Same Dimension

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



778D00



9BB800



318D00



464740



728700



060800

Inverse Universe

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



16008D



1D00B8



5C008D



414047



150087



010008

Previews

White Background



This preview shows how the Hex color 778D00 looks on a white background.

Color Contrast Check

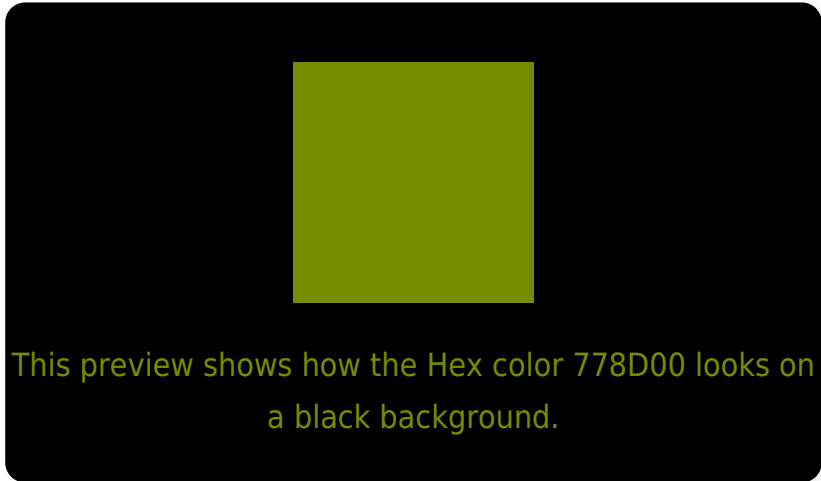
Large Text (above 18pt) WCAG AA ✓ Pass

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 778D00 Background



This preview shows how black text looks on a background with the Hex color 778D00.

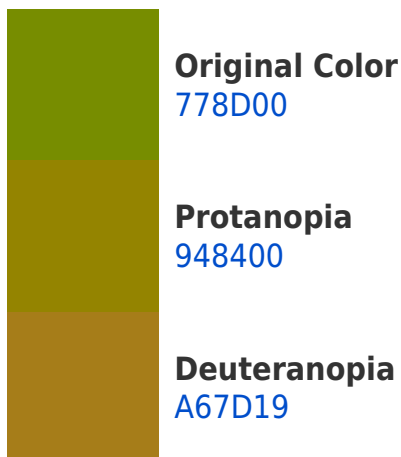



This preview shows how white text looks on a background with the Hex color 778D00.

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





Tritanopia
82838D

Trichromacy



Original Color
778D00

Protanomaly
898700

Deuteranomaly
958310

Tritanomaly
7E875A

Monochromacy



Original Color
778D00

Achromatopsia
767676

Achromatomaly
767E4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 778D00 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 #778D00 looks like.

```
.text, #text, p{  
    color:#778D00  
}
```

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 #778D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778D00
}
```

Border

The CSS property to change the border of an element to Hex 778D00 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
#778D00 }
```

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

```
.border{ border-color:#778D00 }
```

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

Here you see how a box with a 4 pixel #778D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778D00; -webkit-box-shadow:4px 4px  
4px 4px #778D00; box-shadow:4px 4px 4px  
4px #778D00 }
```

Background

The CSS property to change the background color of an element to Hex 778D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778D00 }
```

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

```
.background{ background-color:#778D00 }
```

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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