

Converting Colors

Hex(798B12)

Have a look what the booklet for
Hex(798B12) contains.

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Color

Hex(798B12)

Conversions

Conversions Part 1

Format	Color
Hex	798B12
RGB	121, 139, 18
RGB Percent	47%, 55%, 7%
CMY	0.5255, 0.4549, 0.9294
CMYK	0.13, 0.00, 0.87, 0.45
HSL	69°, 77%, 31%
HSV	69°, 87%, 55%
XYZ	17.2270, 22.5739, 4.0215
YIQ	119.8240, 28.1130, -41.4470

Conversions

Conversions Part 2

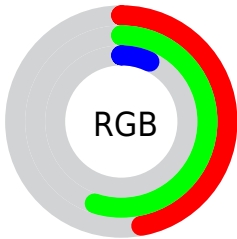
Format	Color
RYB	18, 139, 36
Decimal	7965458
CIELab	54.63, -21.48, 55.17
CIELCh	55, 59.207, 111.274
Yxy	22.5739, 0.3931, 0.5151
Android (android.graphics.Color)	4286155538 (0xFF798B12)
YUV	119.8240, -50.1992, 1.0314
Hunter-Lab	47.5120, -18.4251, 28.2400

Details

The Hex color **798B12** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **24128B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B0C04C**, and **445900** is the 20% darker color. If you saturate the color by 10%, you get **778B04**, and if you desaturate by 10%, it is **7B8B20**.

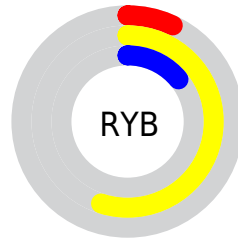
Distribution



Red (47%)

Green (55%)

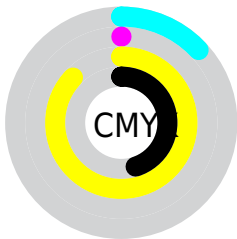
Blue (7%)



Red (7%)

Yellow (55%)

Blue (14%)

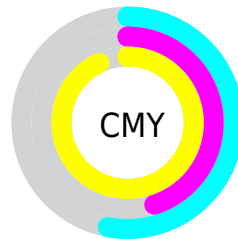


Cyan (13%)

Magenta (0%)

Yellow (87%)

Black (45%)



Cyan (53%)

Magenta (45%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 798B12 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 798B12 by changing the saturation by 10% instead.



798B12



798B12

FFFFFF



5E7200



B0C04C



445900



CDDC67



2A4200



EAF982



102B00



FFFF9D



001900



FFFFB9



000000



FFFFD5



FFFFF2



798B12



798B12

■ 778B04

■ 7B8B20

■ 768B00

■ 7D8B2E

■ 7F8B3C

■ 818B4A

■ 838B57

■ 858B65

■ 878B73

■ 8A8B81

■ 8C8B8F

Harmonies

Analogous

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



A97B0B



798B12



35953E

Triad

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



798B12



0097D2



D75294

Complementary

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



798B12



24128B

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.



B264C3



798B12



008DE8

Square

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



798B12



009BA6



657BE3



DE5361

Rectangle

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



798B12



009960



657BE3



CE56A5

Sweetspot

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



798B12



AEB586



8B2212



585C3F



DBDBDB



5C5C5C

Same Dimension

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



798B12



9AB500



3E8B12



44453E



718500



040500

Inverse Universe

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



24128B



1B00B5



5F128B



3F3E45



140085



010005

Previews

White Background



This preview shows how the Hex color 798B12 looks on a white background.

Color Contrast Check

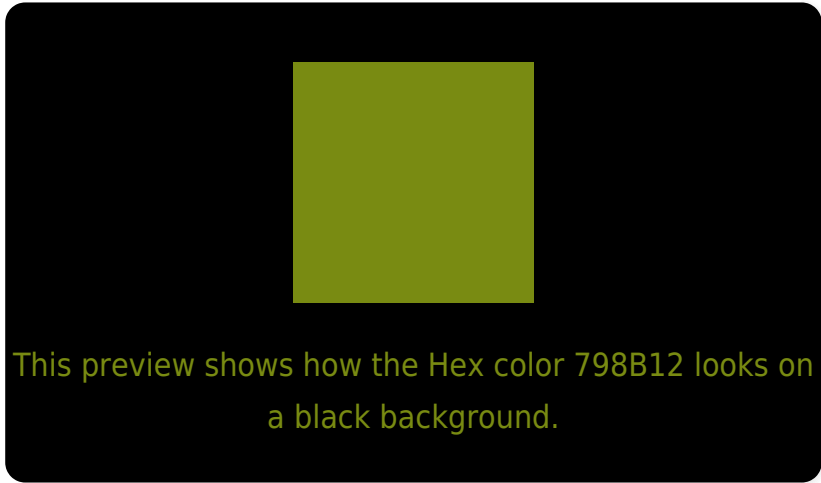
Large Text (above 18pt) WCAG AA ✓ Pass

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 798B12 Background



This preview shows how black text looks on a background with the Hex color 798B12.

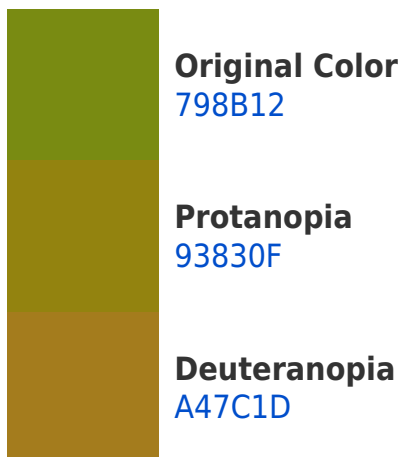


This preview shows how white text looks on a background with the Hex color 798B12.

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
84818B

Trichromacy



Original Color
798B12

Protanomaly
8A8610

Deuteranomaly
948119

Tritanomaly
80855F

Monochromacy



Original Color
798B12

Achromatopsia
787878

Achromatomaly
787F53

CSS Examples

Text

The CSS property to change the color of the text to Hex 798B12 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 #798B12 looks like.

```
.text, #text, p{  
  color:#798B12  
}
```

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 #798B12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #798B12
}
```

Border

The CSS property to change the border of an element to Hex 798B12 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
#798B12 }
```

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

```
.border{ border-color:#798B12 }
```

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

Here you see how a box with a 4 pixel #798B12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #798B12; -webkit-box-shadow:4px 4px  
4px 4px #798B12; box-shadow:4px 4px 4px  
4px #798B12 }
```

Background

The CSS property to change the background color of an element to Hex 798B12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#798B12 }
```

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

```
.background{ background-color:#798B12 }
```

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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