

Converting Colors

Hex(798F28)

Have a look what the booklet for
Hex(798F28) contains.

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Color

Hex(798F28)

Conversions

Conversions Part 1

Format	Color
Hex	798F28
RGB	121, 143, 40
RGB Percent	47%, 56%, 16%
CMY	0.5255, 0.4392, 0.8431
CMYK	0.15, 0.00, 0.72, 0.44
HSL	73°, 56%, 36%
HSV	73°, 72%, 56%
XYZ	18.0906, 23.8631, 5.6600
YIQ	124.6800, 19.9510, -36.6970

Conversions

Conversions Part 2

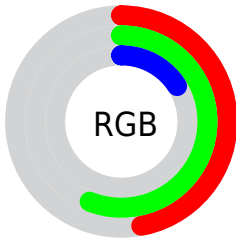
Format	Color
RYB	40, 143, 62
Decimal	7966504
CIELab	55.95, -22.52, 49.41
CIElCh	56, 54.300, 114.501
Yxy	23.8631, 0.3799, 0.5012
Android (android.graphics.Color)	4286156584 (0xFF798F28)
YUV	124.6800, -41.7472, -3.2274
Hunter-Lab	48.8498, -19.3831, 27.3252

Details

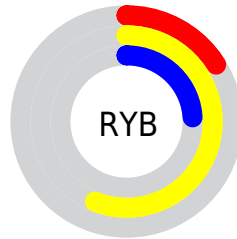
The Hex color **798F28** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3E288F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B0C55C**, and **455D00** is the 20% darker color. If you saturate the color by 10%, you get **768F1A**, and if you desaturate by 10%, it is **7C8F36**.

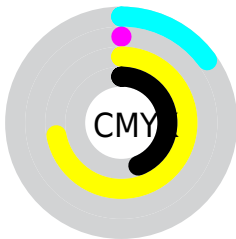
Distribution



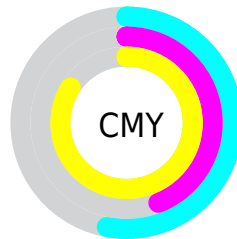
- Red (47%)
- Green (56%)
- Blue (16%)



- Red (16%)
- Yellow (56%)
- Blue (24%)



- Cyan (15%)
- Magenta (0%)
- Yellow (72%)
- Black (44%)



- Cyan (53%)
- Magenta (44%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 798F28 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 798F28 by changing the saturation by 10% instead.

 798F28

 798F28

FFFFFF

 5F7508

 B0C55C

 455D00

 CCE176

 2C4500

 E9FD91

 112F00

 FFFFAD

 001C00

 FFFFC9

 000000

 FFFF E5

 798F28

 798F28

 768F1A

 7C8F36

■ 738F0B

■ 7F8F45

■ 708F00

■ 828F53

■ 858F61

■ 888F70

■ 8B8F7E

■ 8E8F8C

■ 918F9A

■ 948FA9

Harmonies

Analogous

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



A6811F



798F28



3A984C

Triad

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



798F28



0098D2



D75B91

Complementary

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



798F28



3E288F

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.



B769BE



798F28



008EE4

Square

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



798F28



009DAC



777DDC



DB5E62

Rectangle

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



798F28



009B6B



777DDC



CF5EA1

Sweetspot

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



798F28



B1BA91



8F3D28



595E46



DEDEDE



5E5E5E

Same Dimension

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



798F28



98BA1A



478F28



464740



6A8700



060800

Inverse Universe

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



3E288F



3C1ABA



70288F



424047



1D0087



020008

Previews

White Background



This preview shows how the Hex color 798F28 looks on a white background.

Color Contrast Check

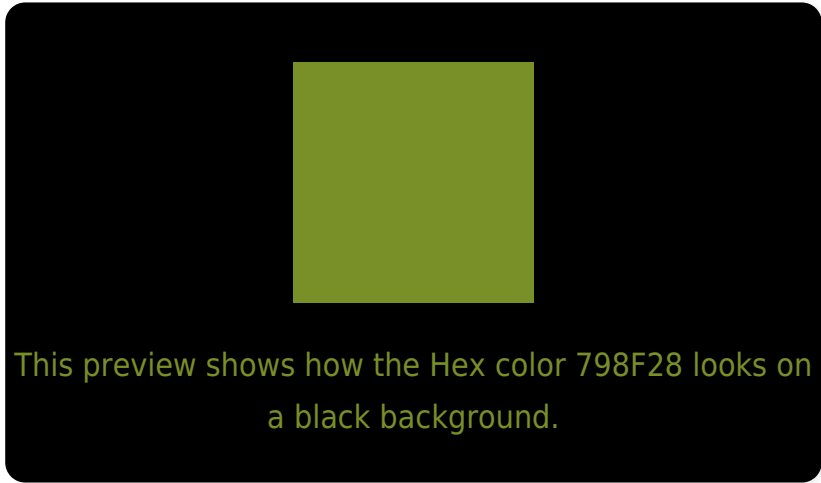
Large Text (above 18pt) WCAG AA ✓ Pass

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 798F28 Background



This preview shows how black text looks on a background with the Hex color 798F28.



This preview shows how white text looks on a background with the Hex color 798F28.

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
798F28

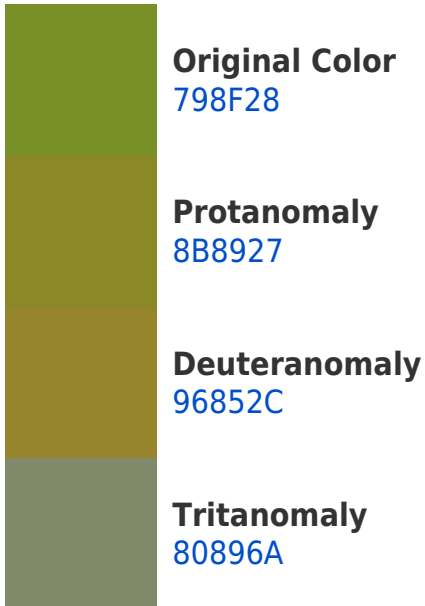
Protanopia
968626

Deuteranopia
A77F2E



Tritanopia
848590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 798F28 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 #798F28 looks like.

```
.text, #text, p{  
    color:#798F28  
}
```

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 #798F28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #798F28
}
```

Border

The CSS property to change the border of an element to Hex 798F28 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
#798F28 }
```

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

```
.border{ border-color:#798F28 }
```

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

Here you see how a box with a 4 pixel #798F28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #798F28; -webkit-box-shadow:4px 4px  
4px 4px #798F28; box-shadow:4px 4px 4px  
4px #798F28 }
```

Background

The CSS property to change the background color of an element to Hex 798F28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#798F28 }
```

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

```
.background{ background-color:#798F28 }
```

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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