

Converting Colors

Hex(798F46)

Have a look what the booklet for
Hex(798F46) contains.

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Color

Hex(798F46)

Conversions

Conversions Part 1

Format	Color
Hex	798F46
RGB	121, 143, 70
RGB Percent	47%, 56%, 27%
CMY	0.5255, 0.4392, 0.7255
CMYK	0.15, 0.00, 0.51, 0.44
HSL	78°, 34%, 42%
HSV	78°, 51%, 56%
XYZ	18.8131, 24.1521, 9.4646
YIQ	128.1000, 10.3210, -27.3670

Conversions

Conversions Part 2

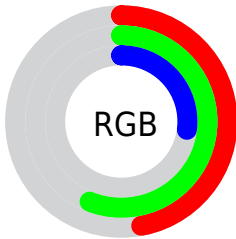
Format	Color
RYB	70, 143, 92
Decimal	7966534
CIELab	56.24, -19.99, 35.96
CIELCh	56, 41.137, 119.068
Yxy	24.1521, 0.3588, 0.4607
Android (android.graphics.Color)	4286156614 (0xFF798F46)
YUV	128.1000, -28.6433, -6.2267
Hunter-Lab	49.1448, -17.6717, 22.9829

Details

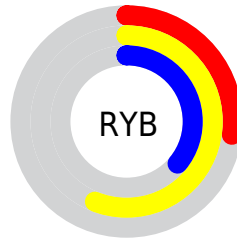
The Hex color **798F46** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5C468F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **AFC578**, and **465D16** is the 20% darker color. If you saturate the color by 10%, you get **758F38**, and if you desaturate by 10%, it is **7D8F54**.

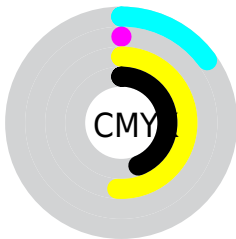
Distribution



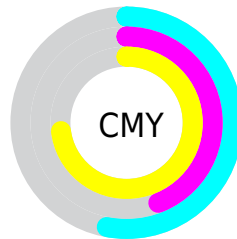
- Red (47%)
- Green (56%)
- Blue (27%)



- Red (27%)
- Yellow (56%)
- Blue (36%)



- Cyan (15%)
- Magenta (0%)
- Yellow (51%)
- Black (44%)



- Cyan (53%)
- Magenta (44%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 798F46 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 798F46 by changing the saturation by 10% instead.



798F46



798F46

FFFFFF



5F752E



AFC578



465D16



CBE192



2E4500



E7FDAD



172E00



FFFFC9



001C00



FFFFE5



000000



798F46



798F46



758F38



7D8F54



708F29



828F63

 6C8F1B

 868F71

 688F0D

 8A8F7F

 648F00

 8F8F8E

 938F9C

 978FAA

 9B8FB8

 A08FC7

Harmonies

Analogous

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



9D843D



798F46



4C9661

Triad

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



798F46



0094C3



C86989

Complementary

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



798F46



5C468F

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.



B271AC



798F46



458BCE

Square

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



798F46



0098A8



887EC5



C96C66

Rectangle

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



798F46



1B9878



887EC5



C36A95

Sweetspot

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



798F46



B2BA9E



8F5C46



595E4D



DEDEDE



5E5E5E

Same Dimension

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



798F46



98BA49



558F46



454740



5E8700



050800

Inverse Universe

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



5C468F



6B49BA



80468F



424047



290087



020008

Previews

White Background



This preview shows how the Hex color 798F46 looks on a white background.

Color Contrast Check

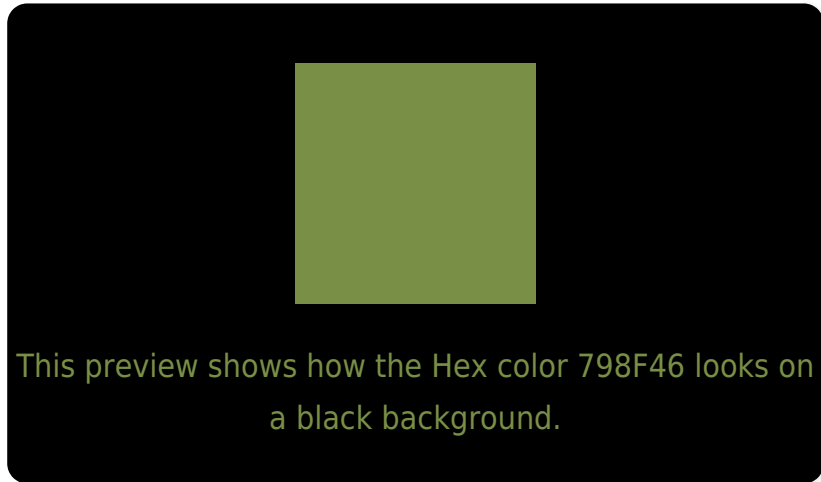
Large Text (above 18pt) WCAG AA ✓ Pass

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

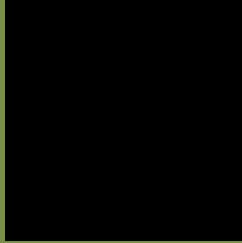
Any Text WCAG AA ✓ Pass

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 798F46 Background



This preview shows how black text looks on a background with the Hex color 798F46.



This preview shows how white text looks on a background with the Hex color 798F46.

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
798F46

Protanopia
958743

Deuteranopia
A4804A



Tritanopia
828791

Trichromacy



Original Color
798F46

Protanomaly
8B8A44

Deuteranomaly
948549

Tritanomaly
7F8A76

Monochromacy



Original Color
798F46

Achromatopsia
808080

Achromatomaly
7D856B

CSS Examples

Text

The CSS property to change the color of the text to Hex 798F46 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 #798F46 looks like.

```
.text, #text, p{  
    color:#798F46  
}
```

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 #798F46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #798F46
}
```

Border

The CSS property to change the border of an element to Hex 798F46 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
#798F46 }
```

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

```
.border{ border-color:#798F46 }
```

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

Here you see how a box with a 4 pixel #798F46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #798F46; -webkit-box-shadow:4px 4px  
4px 4px #798F46; box-shadow:4px 4px 4px  
4px #798F46 }
```

Background

The CSS property to change the background color of an element to Hex 798F46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#798F46 }
```

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

```
.background{ background-color:#798F46 }
```

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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