

# Converting Colors

Hex(778B5F)

Have a look what the booklet for  
Hex(778B5F) contains.

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# Color

Hex(778B5F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	778B5F
RGB	119, 139, 95
RGB Percent	47%, 55%, 37%
CMY	0.5333, 0.4549, 0.6275
CMYK	0.14, 0.00, 0.32, 0.45
HSL	87°, 19%, 46%
HSV	87°, 32%, 55%
XYZ	18.9059, 23.2134, 14.3107
YIQ	128.0040, 2.2040, -17.9240

# Conversions

## Conversions Part 2

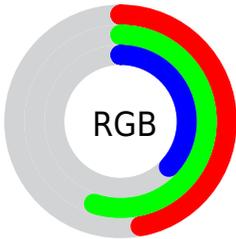
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 139, 115
Decimal	7834463
CIELab	55.29, -15.42, 21.23
CIElCh	55, 26.239, 125.993
Yxy	23.2134, 0.3350, 0.4114
Android (android.graphics.Color)	4286024543 (0xFF778B5F)
YUV	128.0040, -16.2710, -7.8965
Hunter-Lab	48.1803, -14.2722, 16.1157

# Details

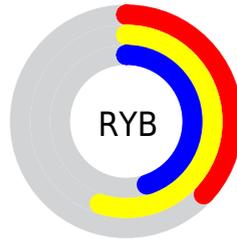
The Hex color **778B5F** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **735F8B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **ACC192**, and **465930** is the 20% darker color. If you saturate the color by 10%, you get **718B51**, and if you desaturate by 10%, it is **7D8B6D**.

# Distribution



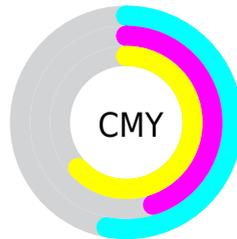
- Red (47%)
- Green (55%)
- Blue (37%)



- Red (37%)
- Yellow (55%)
- Blue (45%)



- Cyan (14%)
- Magenta (0%)
- Yellow (32%)
- Black (45%)



- Cyan (53%)
- Magenta (45%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 778B5F 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 778B5F by changing the saturation by 10% instead.



778B5F



778B5F

FFFFFF



5E7147



ACC192



465930



C7DCAD



2F411A



E3F9C8



1A2B02



FFFFE4



001800



000000



778B5F



778B5F



718B51



7D8B6D



6A8B43



848B7B

 648B35

 8A8B89

 5E8B27

 908B97

 578B1A

 978BA5

 518B0C

 9D8BB2

 4C8B00

 A38BC0

 AA8BCE

 B08BDC

# Harmonies

## Analogous

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



908457



778B5F



5C8F71

# Triad

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



778B5F



4B8CAD



B17381

# Complementary

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



778B5F



735F8B

# 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.



A57697



778B5F



6D85B1

# Square

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



778B5F



39909E



8D7DA9



B0766B

# Rectangle

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



778B5F



4B9180



8D7DA9



AE7488

# Sweetspot

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



778B5F



AEB5A5



8B735F



575C52



DBDBDB



5C5C5C



# Same Dimension

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



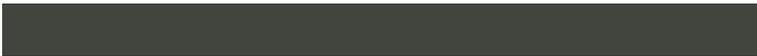
778B5F



96B570



618B5F



42453E



488500



030500



# Inverse Universe

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



735F8B



9070B5



895F8B



413E45



3C0085

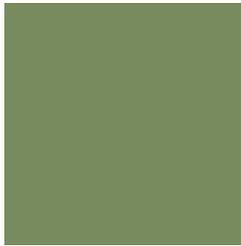


020005



# Previews

## White Background



This preview shows how the Hex color 778B5F looks on a white background.

## Color Contrast Check

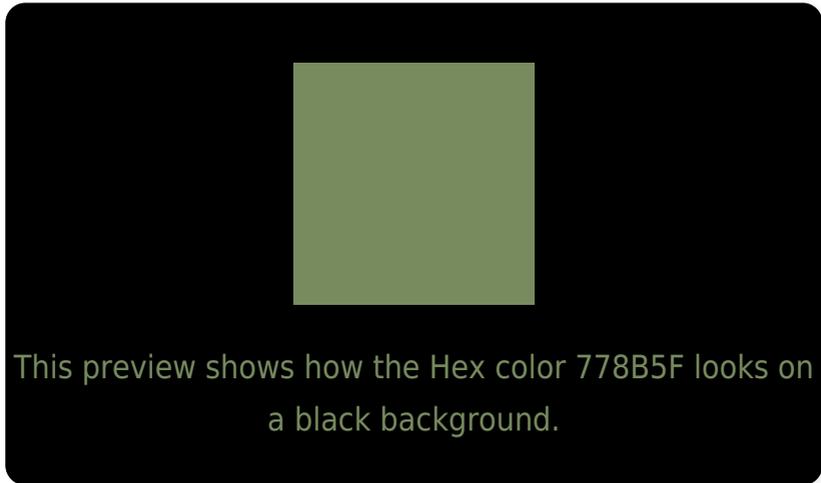
Large Text (above 18pt) WCAG AA ✓ Pass

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

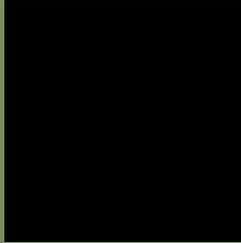
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

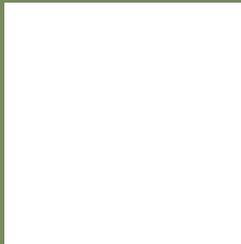
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## Hex 778B5F Background



This preview shows how black text looks on a background with the Hex color 778B5F.



This preview shows how white text looks on a background with the Hex color 778B5F.

# 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**  
7E858F

# Trichromacy



**Original Color**  
778B5F

**Protanomaly**  
86875D

**Deuteranomaly**  
8F8361

**Tritanomaly**  
7B877E

# Monochromacy



**Original Color**  
778B5F

**Achromatopsia**  
808080

**Achromatomaly**  
7D8474

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 778B5F 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 #778B5F looks like.

```
.text, #text, p{  
    color:#778B5F  
}
```

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 #778B5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778B5F
}
```

## Border

The CSS property to change the border of an element to Hex 778B5F 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
#778B5F }
```

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

```
.border{ border-color:#778B5F }
```

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

Here you see how a box with a 4 pixel #778B5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778B5F; -webkit-box-shadow:4px 4px  
4px 4px #778B5F; box-shadow:4px 4px 4px  
4px #778B5F }
```

# Background

The CSS property to change the background color of an element to Hex 778B5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778B5F }
```

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

```
.background{ background-color:#778B5F }
```

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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