

# Converting Colors

Hex(778E50)

Have a look what the booklet for  
Hex(778E50) contains.

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**Color**

**Hex(778E50)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	778E50
RGB	119, 142, 80
RGB Percent	47%, 56%, 31%
CMY	0.5333, 0.4431, 0.6863
CMYK	0.16, 0.00, 0.44, 0.44
HSL	82°, 28%, 44%
HSV	82°, 44%, 56%
XYZ	18.7287, 23.8471, 11.2053
YIQ	128.0550, 6.1940, -24.1580

# Conversions

## Conversions Part 2

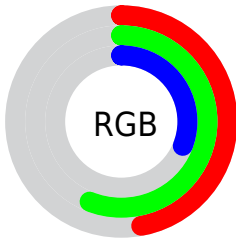
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 142, 103
Decimal	7835216
CIE <sub>Lab</sub>	55.93, -19.11, 30.30
CIE <sub>LCh</sub>	56, 35.822, 122.234
Yxy	23.8471, 0.3482, 0.4434
Android (android.graphics.Color)	4286025296 (0xFF778E50)
YUV	128.0550, -23.6911, -7.9412
Hunter-Lab	48.8335, -17.0000, 20.5789

# Details

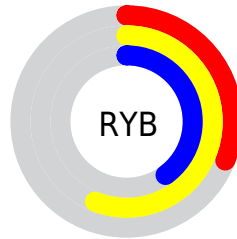
The Hex color **778E50** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **67508E**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **ACC482**, and **455C21** is the 20% darker color. If you saturate the color by 10%, you get **728E42**, and if you desaturate by 10%, it is **7C8E5E**.

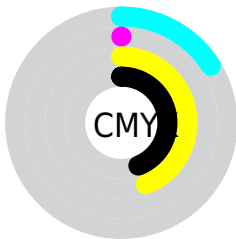
# Distribution



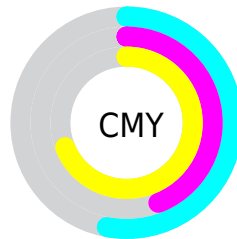
- Red (47%)
- Green (56%)
- Blue (31%)



- Red (31%)
- Yellow (56%)
- Blue (40%)



- Cyan (16%)
- Magenta (0%)
- Yellow (44%)
- Black (44%)



- Cyan (53%)
- Magenta (44%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 778E50 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 778E50 by changing the saturation by 10% instead.





778E50



778E50

FFFFFF



5E7438



ACC482



455C21



C8E09D



2D4409



E4FCB8



182E00



FFFFD4



001B00



FFFFF0



000000



778E50



778E50



728E42



7C8E5E



6C8E34



828E6C


 678E25

 878E7B

 628E17

 8C8E89

 5D8E09

 918E97

 598E00

 978EA5

 9C8EB3

 A18EC2

 A68ED0

# Harmonies

## Analogous

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



978547



778E50



509468

# Triad

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



778E50



0091BC



C06D85

# Complementary

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



778E50



67508E

# 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.



AF72A4



778E50



5988C4

# Square

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



778E50



0095A6



8C7DBB



C07066

# Rectangle

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



778E50



2F967D



8C7DBB



BC6E8F



# Sweetspot

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



778E50



AFB8A0



8E6750



565C4D



DBDBDB



5C5C5C



# Same Dimension

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



778E50



94B858



588E50



454740



558700



050800



# Inverse Universe

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



67508E



7C58B8



86508E



434047



320087



030008



# Previews

## White Background



This preview shows how the Hex color 778E50 looks on a white background.

## Color Contrast Check

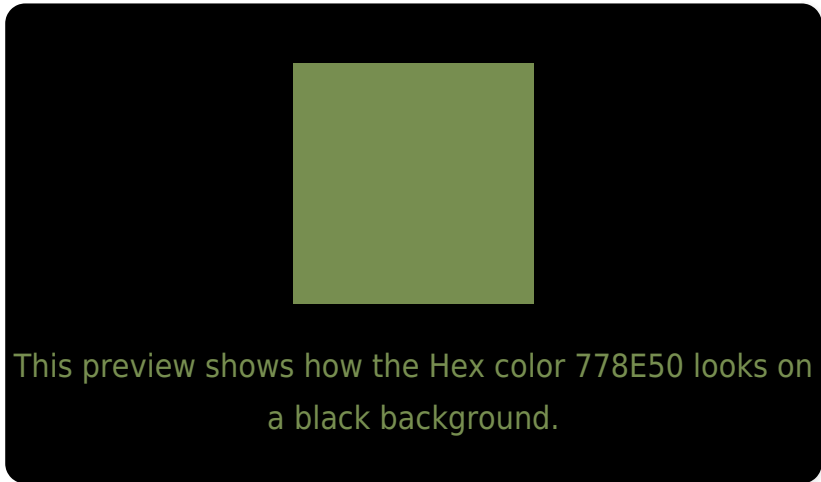
Large Text (above 18pt) WCAG AA ✓ Pass

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 778E50 Background



This preview shows how black text looks on a background with the Hex color 778E50.



This preview shows how white text looks on a background with the Hex color 778E50.

# 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**  
808691

# Trichromacy



**Original Color**  
778E50

**Protanomaly**  
89894E

**Deuteranomaly**  
928552

**Tritanomaly**  
7D8979

# Monochromacy



**Original Color**  
778E50

**Achromatopsia**  
808080

**Achromatomaly**  
7D856F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 778E50 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 #778E50 looks like.

```
.text, #text, p{  
    color:#778E50  
}
```

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 #778E50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #778E50
}
```

## Border

The CSS property to change the border of an element to Hex 778E50 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
#778E50 }
```

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

```
.border{ border-color:#778E50 }
```

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

Here you see how a box with a 4 pixel #778E50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #778E50; -webkit-box-shadow:4px 4px  
4px 4px #778E50; box-shadow:4px 4px 4px  
4px #778E50 }
```

# Background

The CSS property to change the background color of an element to Hex 778E50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#778E50 }
```

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

```
.background{ background-color:#778E50 }
```

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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