

# Converting Colors

Hex(7E8E44)

Have a look what the booklet for  
Hex(7E8E44) contains.

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**Color**

**Hex(7E8E44)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E8E44
RGB	126, 142, 68
RGB Percent	49%, 56%, 27%
CMY	0.5059, 0.4431, 0.7333
CMYK	0.11, 0.00, 0.52, 0.44
HSL	73°, 35%, 41%
HSV	73°, 52%, 56%
XYZ	19.3206, 24.1990, 9.1214
YIQ	128.7800, 14.2180, -26.4060

# Conversions

## Conversions Part 2

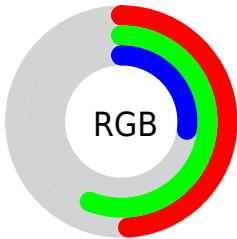
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 142, 84
Decimal	8293956
CIELab	56.29, -17.59, 37.12
CIELCh	56, 41.078, 115.356
Yxy	24.1990, 0.3670, 0.4597
Android (android.graphics.Color)	4286484036 (0xFF7E8E44)
YUV	128.7800, -29.9645, -2.4381
Hunter-Lab	49.1925, -15.9801, 23.4410

# Details

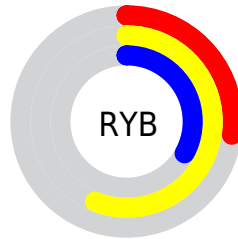
The Hex color **7E8E44** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **54448E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B4C476**, and **4B5C13** is the 20% darker color. If you saturate the color by 10%, you get **7B8E36**, and if you desaturate by 10%, it is **818E52**.

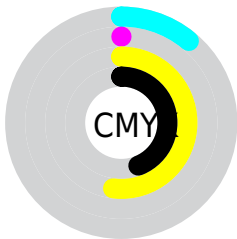
# Distribution



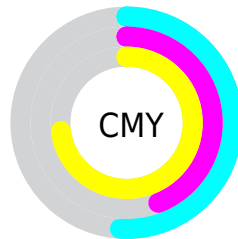
- Red (49%)
- Green (56%)
- Blue (27%)



- Red (27%)
- Yellow (56%)
- Blue (33%)



- Cyan (11%)
- Magenta (0%)
- Yellow (52%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E8E44 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 7E8E44 by changing the saturation by 10% instead.





7E8E44



7E8E44

FFFFFF



64742C



B4C476



4B5C13



D0E090



334400



EDFCAB



1B2E00



FFFFC7



001B00



FFFFE3



000000



7E8E44



7E8E44



7B8E36



818E52



788E28



848E60

 758E19

 878E6F

 728E0B

 8A8E7D

 6F8E00

 8D8E8B

 908E99

 938EA7

 978EB6

 9A8EC4

# Harmonies

## Analogous

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



A1833E



7E8E44



53955D

# Triad

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



7E8E44



0095C1



C66A8E

# Complementary

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



7E8E44



54448E

# 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.



AE72B0



7E8E44



3A8CCE

# Square

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



7E8E44



0099A4



8180C8



CA6B6A

# Rectangle

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



7E8E44



299874



8180C8



C06B9A



# Sweetspot

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



7E8E44



B1B89A



8E5344



585C4A



DBDBDB



5C5C5C



# Same Dimension

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



7E8E44



9FB844



5A8E44



464740



6A8700



060800



# Inverse Universe

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



54448E



5D44B8



78448E



424047



1D0087



020008



# Previews

## White Background



This preview shows how the Hex color 7E8E44 looks on a white background.

## Color Contrast Check

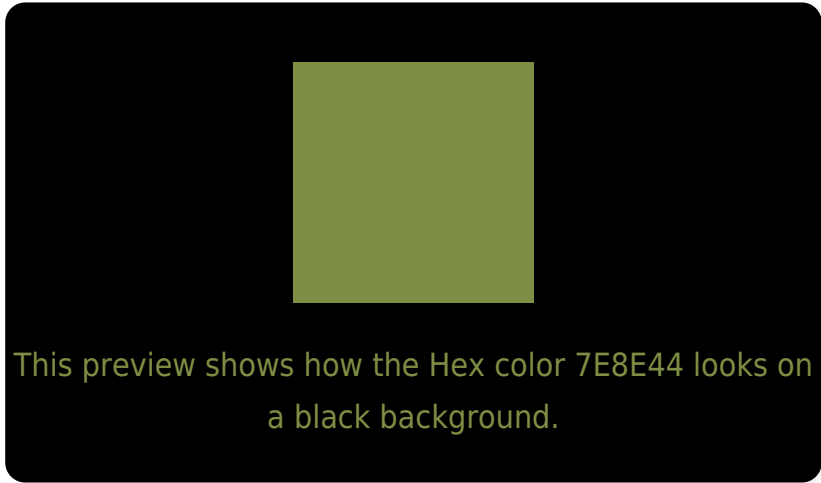
Large Text (above 18pt) WCAG AA ✓ Pass

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 7E8E44 Background



This preview shows how black text looks on a background with the Hex color 7E8E44.

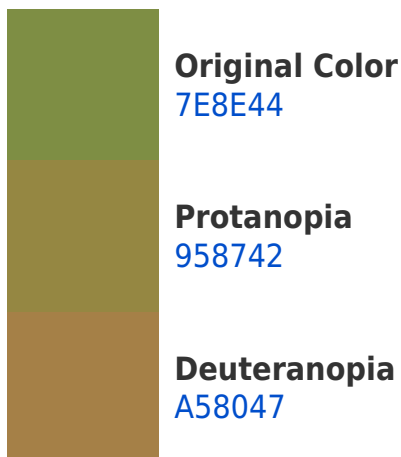


This preview shows how white text looks on a background with the Hex color 7E8E44.

# 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**  
878690

# Trichromacy



**Original Color**  
7E8E44

**Protanomaly**  
8D8A43

**Deuteranomaly**  
978546

**Tritanomaly**  
848974

# Monochromacy



**Original Color**  
7E8E44

**Achromatopsia**  
818181

**Achromatomaly**  
80866B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E8E44 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 #7E8E44 looks like.

```
.text, #text, p{  
    color:#7E8E44  
}
```

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 #7E8E44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E8E44
}
```

## Border

The CSS property to change the border of an element to Hex 7E8E44 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
#7E8E44 }
```

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

```
.border{ border-color:#7E8E44 }
```

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

Here you see how a box with a 4 pixel #7E8E44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E8E44; -webkit-box-shadow:4px 4px  
4px 4px #7E8E44; box-shadow:4px 4px 4px  
4px #7E8E44 }
```

# Background

The CSS property to change the background color of an element to Hex 7E8E44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E8E44 }
```

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

```
.background{ background-color:#7E8E44 }
```

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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