

# Converting Colors

Hex(7F8F45)

Have a look what the booklet for  
Hex(7F8F45) contains.

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# Color

Hex(7F8F45)

# Conversions

## Conversions Part 1

Format	Color
Hex	7F8F45
RGB	127, 143, 69
RGB Percent	50%, 56%, 27%
CMY	0.5020, 0.4392, 0.7294
CMYK	0.11, 0.00, 0.52, 0.44
HSL	73°, 35%, 42%
HSV	73°, 52%, 56%
XYZ	19.6490, 24.5866, 9.3403
YIQ	129.7800, 14.2180, -26.4060

# Conversions

## Conversions Part 2

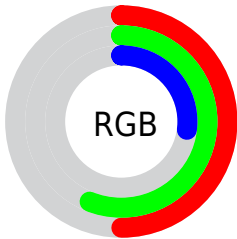
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 143, 85
Decimal	8359749
CIELab	56.67, -17.59, 37.09
CIELCh	57, 41.048, 115.373
Yxy	24.5866, 0.3668, 0.4589
Android (android.graphics.Color)	4286549829 (0xFF7F8F45)
YUV	129.7800, -29.9645, -2.4381
Hunter-Lab	49.5849, -16.0393, 23.5410

# Details

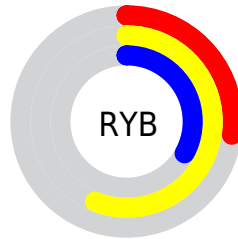
The Hex color **7F8F45** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **55458F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B5C577**, and **4C5D14** is the 20% darker color. If you saturate the color by 10%, you get **7C8F37**, and if you desaturate by 10%, it is **828F53**.

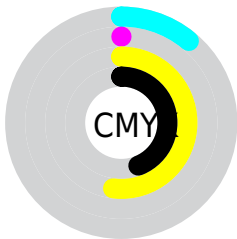
# Distribution



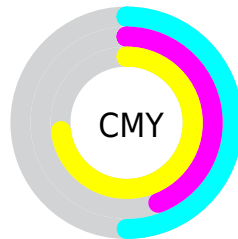
- Red (50%)
- Green (56%)
- Blue (27%)



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



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



- Cyan (50%)
- Magenta (44%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F8F45 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 7F8F45 by changing the saturation by 10% instead.





7F8F45



7F8F45

FFFFFF



65752D



B5C577



4C5D14



D1E191



344500



EEFDAC



1C2F00



FFFFC8



001B00



FFFFE4



000000



7F8F45



7F8F45



7C8F37



828F53



798F28



858F62

 768F1A

 888F70

 738F0C

 8B8F7E

 708F00

 8E8F8D

 928F9B

 958FA9

 988FB7

 9B8FC6

# Harmonies

## Analogous

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



A2843F



7F8F45



54965E

# Triad

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



7F8F45



0096C2



C76B8F

# Complementary

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



7F8F45



55458F

# 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.



AF73B1



7F8F45



3B8DCF

# Square

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



7F8F45



009AA5



8281C9



CB6D6B

# Rectangle

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



7F8F45



2A9975



8281C9



C16C9B



# Sweetspot

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



7F8F45



B4BA9C



8F5445



5A5E4C



DEDEDE



5E5E5E



# Same Dimension

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



7F8F45



A1BA47



5B8F45



464740



6A8700



060800



# Inverse Universe

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



55458F



6047BA



79458F



424047



1D0087



020008



# Previews

## White Background



This preview shows how the Hex color 7F8F45 looks on a white background.

## Color Contrast Check

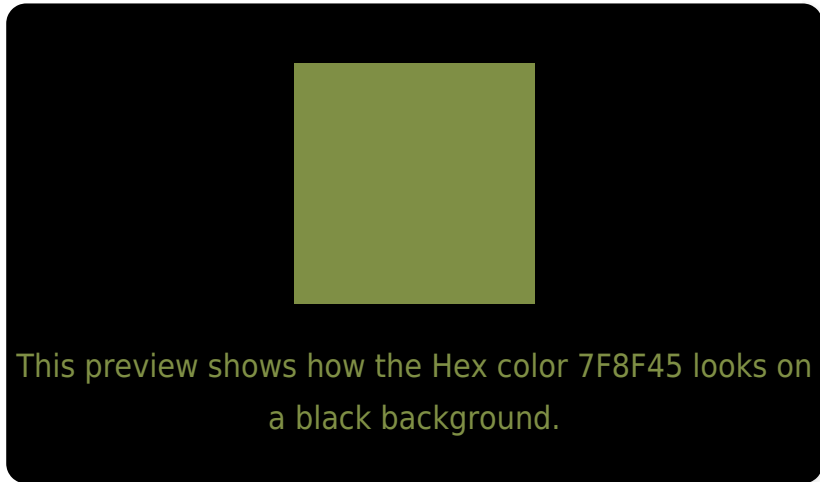
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F8F45 Background



This preview shows how black text looks on a background with the Hex color 7F8F45.



This preview shows how white text looks on a background with the Hex color 7F8F45.

# 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**  
7F8F45

**Protanopia**  
968843

**Deuteranopia**  
A68148



**Tritanopia**  
888791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F8F45 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 #7F8F45 looks like.

```
.text, #text, p{  
    color:#7F8F45  
}
```

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 #7F8F45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F8F45
}
```

## Border

The CSS property to change the border of an element to Hex 7F8F45 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
#7F8F45 }
```

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

```
.border{ border-color:#7F8F45 }
```

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

Here you see how a box with a 4 pixel #7F8F45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F8F45; -webkit-box-shadow:4px 4px  
4px 4px #7F8F45; box-shadow:4px 4px 4px  
4px #7F8F45 }
```

# Background

The CSS property to change the background color of an element to Hex 7F8F45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F8F45 }
```

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

```
.background{ background-color:#7F8F45 }
```

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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