

# Converting Colors

Hex(8EA46F)

Have a look what the booklet for  
Hex(8EA46F) contains.

<b>Hex(8EA46F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(8EA46F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8EA46F
RGB	142, 164, 111
RGB Percent	56%, 64%, 44%
CMY	0.4431, 0.3569, 0.5647
CMYK	0.13, 0.00, 0.32, 0.36
HSL	85°, 23%, 54%
HSV	85°, 32%, 64%
XYZ	27.3000, 33.4494, 20.0564
YIQ	151.3800, 3.9010, -21.1470

# Conversions

## Conversions Part 2

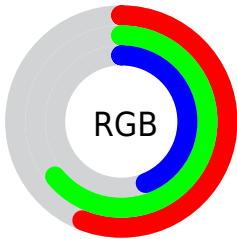
Format	Color
<a href="#">RYB</a>	<a href="#">111, 164, 133</a>
Decimal	<a href="#">9348207</a>
CIELab	<a href="#">64.52, -17.19, 25.04</a>
CIELCh	<a href="#">65, 30.368, 124.466</a>
Yxy	<a href="#">33.4494, 0.3378, 0.4139</a>
Android (android.graphics.Color)	<a href="#">4287538287 (0xFF8EA46F)</a>
YUV	<a href="#">151.3800, -19.9073, -8.2263</a>
Hunter-Lab	<a href="#">57.8355, -16.9548, 19.9240</a>

# Details

The Hex color **8EA46F** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **856FA4**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **C4DBA3**, and **5B703E** is the 20% darker color. If you saturate the color by 10%, you get **87A45F**, and if you desaturate by 10%, it is **95A47F**.

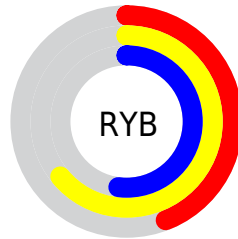
# Distribution



Red (56%)

Green (64%)

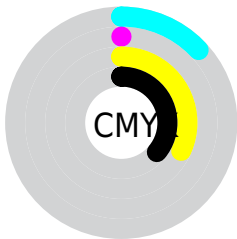
Blue (44%)



Red (44%)

Yellow (64%)

Blue (52%)

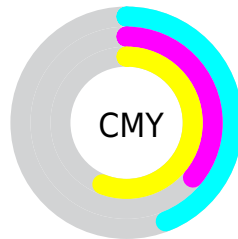


Cyan (13%)

Magenta (0%)

Yellow (32%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EA46F 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 8EA46F by changing the saturation by 10% instead.





8EA46F



8EA46F

FFFFFF



748A56



C4DBA3



5B703E



E0F8BE



435828



FDFFDA



2B4012



FFFFF7



182A00



001700



000000



8EA46F



8EA46F



87A45F



95A47F

 80A44E

 9CA490

 7AA43E

 A2A4A0

 73A42D

 A9A4B1

 6CA41D

 B0A4C1

 65A40D

 B7A4D1

 60A400

 BEA4E2

 C4A4F2

 CBA4FF

# Harmonies

## Analogous

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



AB9C66



8EA46F



6EA984

# Triad

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



8EA46F



56A6CD



D18899

# Complementary

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



8EA46F



856FA4

# 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.



C28CB4



8EA46F



7E9ED2

# Square

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



8EA46F



40AABA



A594C9



D08B7F

# Rectangle

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



8EA46F



59AB96



A594C9



CE88A3



# Sweetspot

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



8EA46F



CDD6C1



A4846F



666B5E



EBEBEB



6B6B6B



# Same Dimension

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



8EA46F



B4D683



74A46F



4E5249



559100



0A1200



# Inverse Universe

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



856FA4



A583D6



9F6FA4



4D4952



3C0091



070012



# Previews

## White Background



This preview shows how the Hex color 8EA46F looks on a white background.

## Color Contrast Check

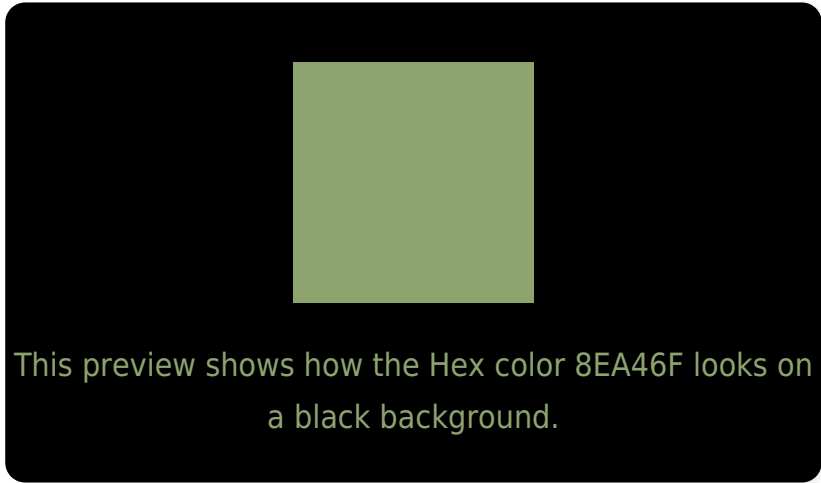
Large Text (above 18pt) WCAG AA × Fail

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

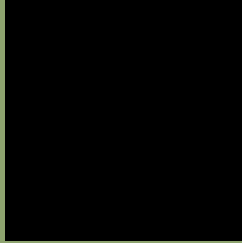
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8EA46F Background



This preview shows how black text looks on a background with the Hex color 8EA46F.



This preview shows how white text looks on a background with the Hex color 8EA46F.

# 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](#).

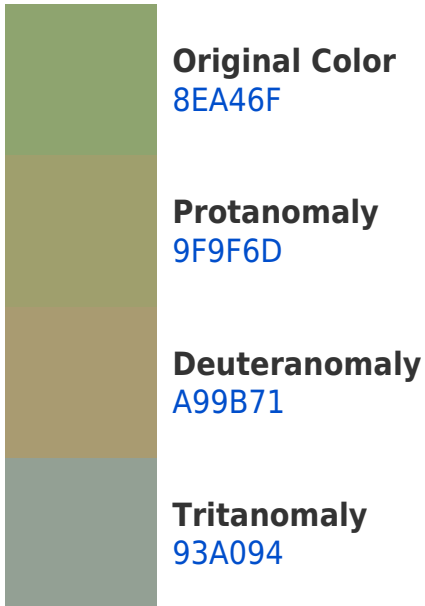
## Dichromacy



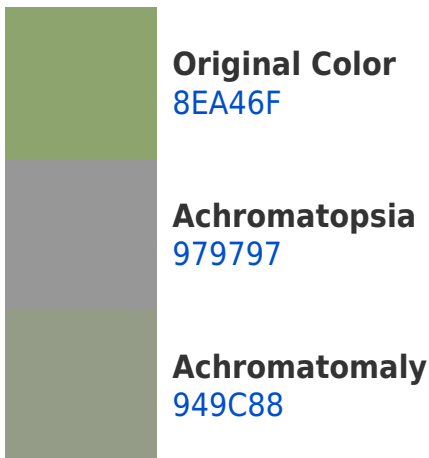


**Tritanopia**  
969DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EA46F 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 #8EA46F looks like.

```
.text, #text, p{  
    color:#8EA46F  
}
```

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 #8EA46F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA46F
}
```

## Border

The CSS property to change the border of an element to Hex 8EA46F 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
#8EA46F }
```

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

```
.border{ border-color:#8EA46F }
```

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

Here you see how a box with a 4 pixel #8EA46F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA46F; -webkit-box-shadow:4px 4px  
4px 4px #8EA46F; box-shadow:4px 4px 4px  
4px #8EA46F }
```

# Background

The CSS property to change the background color of an element to Hex 8EA46F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA46F }
```

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

```
.background{ background-color:#8EA46F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor