

Converting Colors

Hex(8EA76E)

Have a look what the booklet for
Hex(8EA76E) contains.

Hex(8EA76E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8EA76E)

Conversions

Conversions Part 1

Format	Color
Hex	8EA76E
RGB	142, 167, 110
RGB Percent	56%, 65%, 43%
CMY	0.4431, 0.3451, 0.5686
CMYK	0.15, 0.00, 0.34, 0.35
HSL	86°, 24%, 54%
HSV	86°, 34%, 65%
XYZ	27.7885, 34.5140, 19.9491
YIQ	153.0270, 3.3970, -23.0270

Conversions

Conversions Part 2

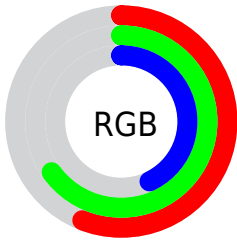
Format	Color
RYB	110, 167, 135
Decimal	9348974
CIELab	65.37, -18.87, 26.70
CIELCh	65, 32.695, 125.258
Yxy	34.5140, 0.3378, 0.4196
Android (android.graphics.Color)	4287539054 (0xFF8EA76E)
YUV	153.0270, -21.2123, -9.6707
Hunter-Lab	58.7486, -18.3783, 20.9911

Details

The Hex color **8EA76E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **876EA7**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **C4DEA2**, and **5B733D** is the 20% darker color. If you saturate the color by 10%, you get **87A75D**, and if you desaturate by 10%, it is **95A77F**.

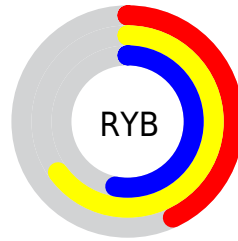
Distribution



Red (56%)

Green (65%)

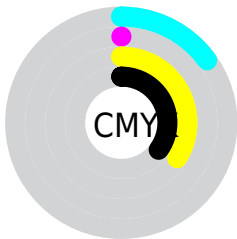
Blue (43%)



Red (43%)

Yellow (65%)

Blue (53%)

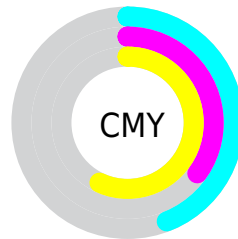


Cyan (15%)

Magenta (0%)

Yellow (34%)

Black (35%)



Cyan (44%)

Magenta (35%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EA76E 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 8EA76E by changing the saturation by 10% instead.



8EA76E



8EA76E

FFFFFF



748D55



C4DEA2



5B733D



E1FBBD



425A27



FDFFD9



2B4310



FFFFFF6



172C00



001A00



000000



8EA76E



8EA76E



87A75D



95A77F

 7FA74D

 9DA78F

 78A73C

 A4A7A0

 71A72B

 ABA7B1

 69A71B

 B3A7C2

 62A70A

 BAA7D2

 5EA700

 C1A7E3

 C9A7F4

 D0A7FF

Harmonies

Analogous

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



AE9F64



8EA76E



6BAC85

Triad

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



8EA76E



50A8D3



D7889B

Complementary

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



8EA76E



876EA7

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.



C88CB8



8EA76E



7EA0D9

Square

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



8EA76E



34ADC0



A995CF



D68C7E

Rectangle

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



8EA76E



53AE99



A995CF



D489A5

Sweetspot

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



8EA76E



CFD9C3



A7876E



686E60



EDEDED



6E6E6E

Same Dimension

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



8EA76E



B2D980



72A76E



50544C



539400



0B1400

Inverse Universe

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



876EA7



A780D9



A36EA7



4F4C54



410094



090014

Previews

White Background



This preview shows how the Hex color 8EA76E looks on a white background.

Color Contrast Check

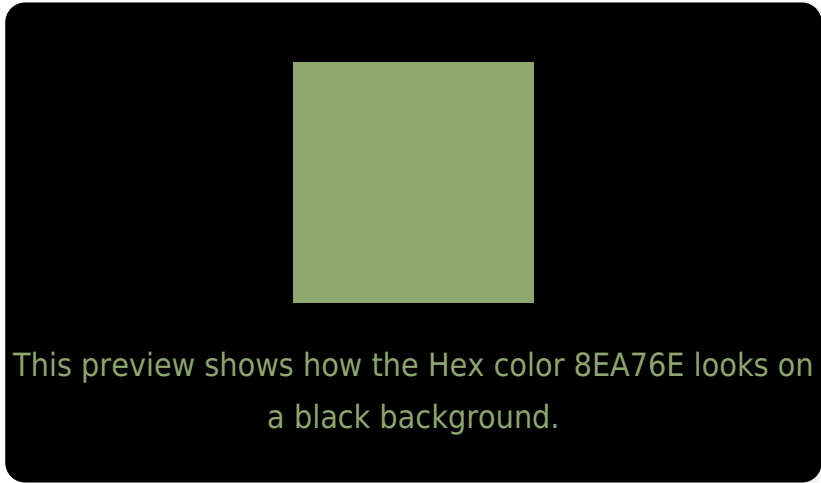
Large Text (above 18pt) WCAG AA × Fail

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

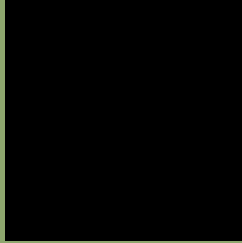
Any Text WCAG AA ✓ Pass

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 8EA76E Background



This preview shows how black text looks on a background with the Hex color 8EA76E.



This preview shows how white text looks on a background with the Hex color 8EA76E.

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

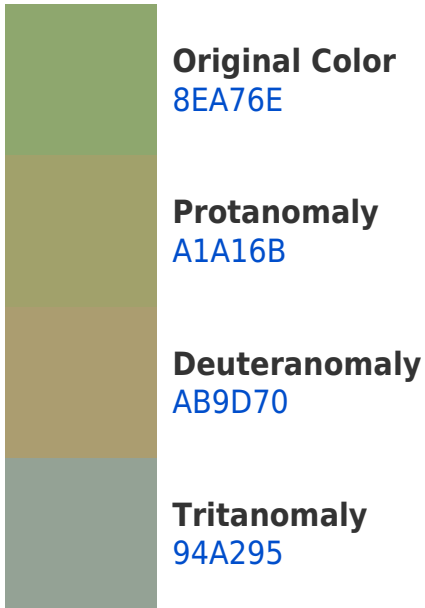


Original Color
8EA76E

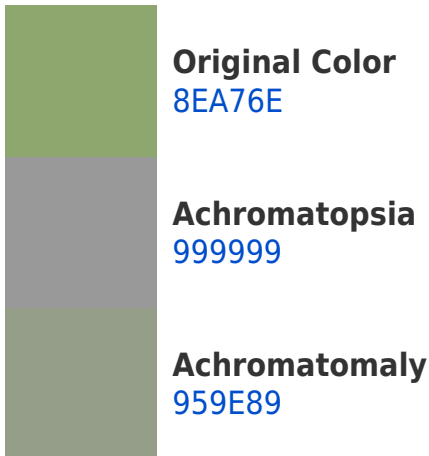
Protanopia
AC9E6A

Deuteranopia
BC9871

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8EA76E 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 #8EA76E looks like.

```
.text, #text, p{  
    color:#8EA76E  
}
```

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 #8EA76E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA76E
}
```

Border

The CSS property to change the border of an element to Hex 8EA76E 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
#8EA76E }
```

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

```
.border{ border-color:#8EA76E }
```

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

Here you see how a box with a 4 pixel #8EA76E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA76E; -webkit-box-shadow:4px 4px  
4px 4px #8EA76E; box-shadow:4px 4px 4px  
4px #8EA76E }
```

Background

The CSS property to change the background color of an element to Hex 8EA76E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA76E }
```

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

```
.background{ background-color:#8EA76E }
```

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