

Converting Colors

Hex(8EA768)

Have a look what the booklet for
Hex(8EA768) contains.

Hex(8EA768)	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(8EA768)

Conversions

Conversions Part 1

Format	Color
Hex	8EA768
RGB	142, 167, 104
RGB Percent	56%, 65%, 41%
CMY	0.4431, 0.3451, 0.5922
CMYK	0.15, 0.00, 0.38, 0.35
HSL	84°, 26%, 53%
HSV	84°, 38%, 65%
XYZ	27.4727, 34.3877, 18.2862
YIQ	152.3430, 5.3230, -24.8930

Conversions

Conversions Part 2

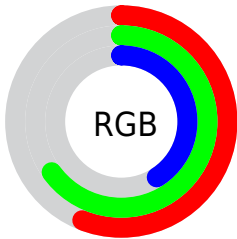
Format	Color
RYB	104, 167, 129
Decimal	9348968
CIELab	65.27, -19.71, 29.77
CIELCh	65, 35.706, 123.499
Yxy	34.3877, 0.3428, 0.4291
Android (android.graphics.Color)	4287539048 (0xFF8EA768)
YUV	152.3430, -23.8331, -9.0708
Hunter-Lab	58.6410, -18.9963, 22.5601

Details

The Hex color **8EA768** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8168A7**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **C5DE9C**, and **5B7338** is the 20% darker color. If you saturate the color by 10%, you get **87A757**, and if you desaturate by 10%, it is **95A779**.

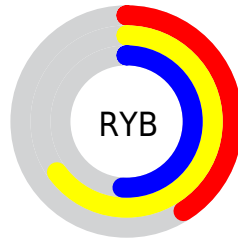
Distribution



Red (56%)

Green (65%)

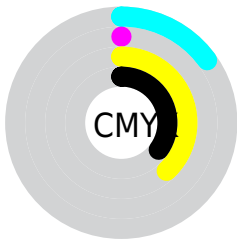
Blue (41%)



Red (41%)

Yellow (65%)

Blue (51%)

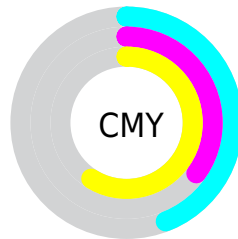


Cyan (15%)

Magenta (0%)

Yellow (38%)

Black (35%)



Cyan (44%)

Magenta (35%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EA768 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 8EA768 by changing the saturation by 10% instead.



8EA768



8EA768

FFFFFF



748D4F



C5DE9C



5B7338



E1FBB7



425A20



FEFFD3



2A4309



FFFFEf



152C00



001A00



000000



8EA768



8EA768



87A757



95A779

 81A747

 9BA789

 7AA736

 A2A79A

 73A725

 A9A7AB

 6DA714

 AFA7BB

 66A704

 B6A7CC

 65A700

 BCA7DD

 C3A7EE

 CAA7FE

Harmonies

Analogous

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



B09E5E



8EA768



67AD81

Triad

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



8EA768



3DA9D7



DB859C

Complementary

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



8EA768



8168A7

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.



CA8ABC



8EA768



76A0DE

Square

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



8EA768



11AEC1



A795D4



DB897D

Rectangle

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



8EA768



4AAF96



A795D4



D786A7

Sweetspot

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



8EA768



CFD9C1



A78068



686E5F



EDEDED



6E6E6E

Same Dimension

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



8EA768



B2D977



6FA768



51544C



599400



0C1400

Inverse Universe

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



8168A7



9E77D9



A068A7



4F4C54



3B0094



080014

Previews

White Background



This preview shows how the Hex color 8EA768 looks on a white background.

Color Contrast Check

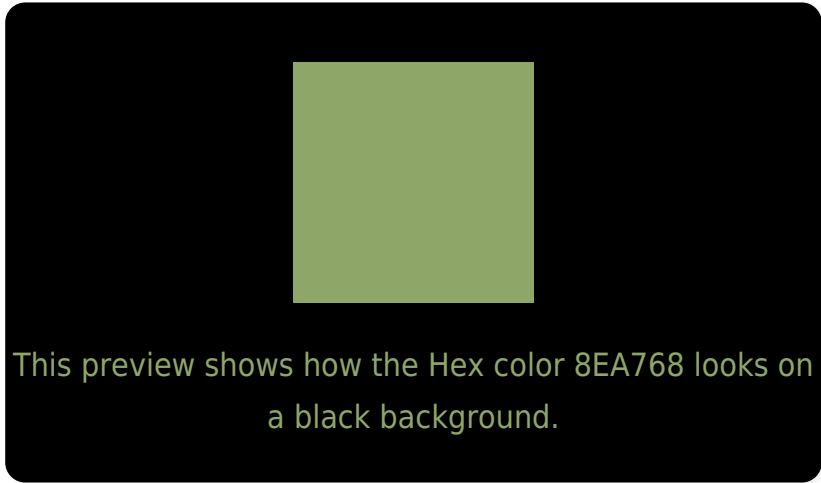
Large Text (above 18pt) WCAG AA × Fail

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

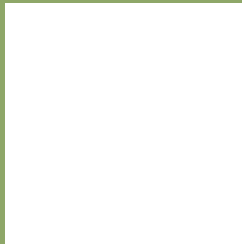
Any Text WCAG AAA ✓ Pass

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

Hex 8EA768 Background



This preview shows how black text looks on a background with the Hex color 8EA768.

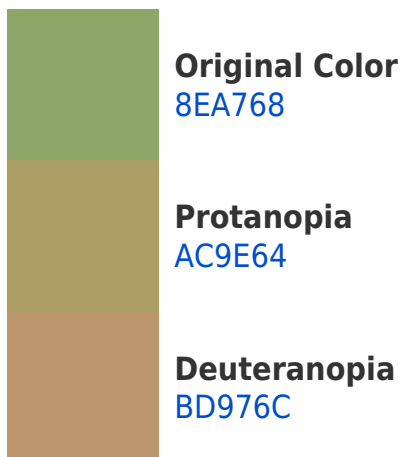


This preview shows how white text looks on a background with the Hex color 8EA768.

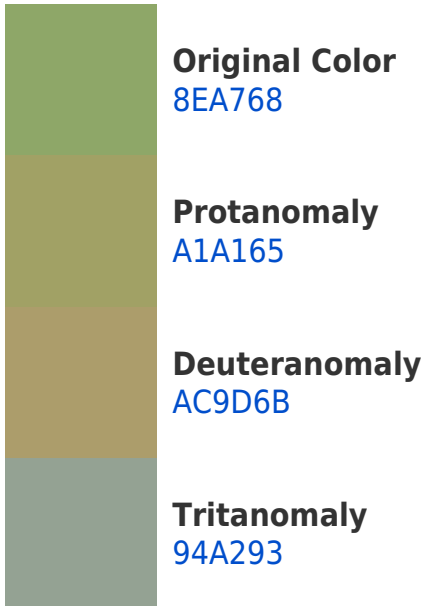
Color Blindness Simulation

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](#).

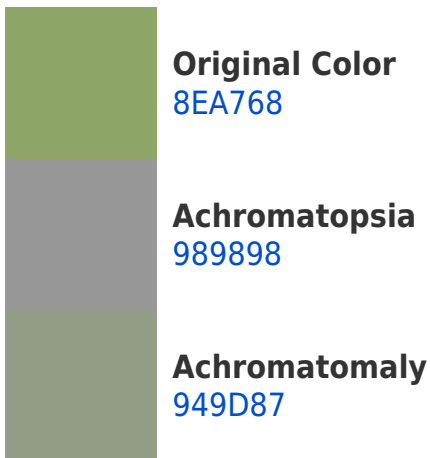
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8EA768 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 #8EA768 looks like.

```
.text, #text, p{  
    color:#8EA768  
}
```

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 #8EA768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA768  
}
```

Border

The CSS property to change the border of an element to Hex 8EA768 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  
#8EA768 }
```

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

```
.border{ border-color:#8EA768 }
```

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

Here you see how a box with a 4 pixel #8EA768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA768; -webkit-box-shadow:4px 4px  
4px 4px #8EA768; box-shadow:4px 4px 4px  
4px #8EA768 }
```

Background

The CSS property to change the background color of an element to Hex 8EA768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA768 }
```

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

```
.background{ background-color:#8EA768 }
```

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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