

# Converting Colors

Hex(8EA56E)

Have a look what the booklet for  
Hex(8EA56E) contains.

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# Color

**Hex(8EA56E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EA56E
RGB	142, 165, 110
RGB Percent	56%, 65%, 43%
CMY	0.4431, 0.3529, 0.5686
CMYK	0.14, 0.00, 0.33, 0.35
HSL	85°, 23%, 54%
HSV	85°, 33%, 65%
XYZ	27.4249, 33.7868, 19.8279
YIQ	151.8530, 3.9470, -21.9810

# Conversions

## Conversions Part 2

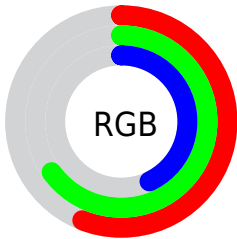
Format	Color
<a href="#">RYB</a>	<a href="#">110, 165, 133</a>
Decimal	<a href="#">9348462</a>
CIELab	<a href="#">64.79, -17.85, 25.94</a>
CIELCh	<a href="#">65, 31.483, 124.532</a>
Yxy	<a href="#">33.7868, 0.3384, 0.4169</a>
Android (android.graphics.Color)	<a href="#">4287538542 (0xFF8EA56E)</a>
YUV	<a href="#">151.8530, -20.6335, -8.6411</a>
Hunter-Lab	<a href="#">58.1264, -17.5023, 20.4637</a>

# Details

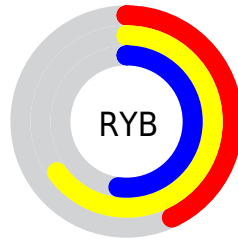
The Hex color **8EA56E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **856EA5**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **C4DCA2**, and **5B713D** is the 20% darker color. If you saturate the color by 10%, you get **87A55D**, and if you desaturate by 10%, it is **95A57E**.

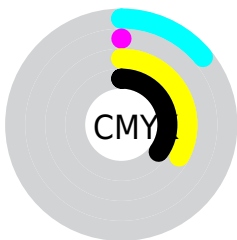
# Distribution



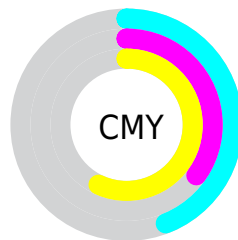
- Red (56%)
- Green (65%)
- Blue (43%)



- Red (43%)
- Yellow (65%)
- Blue (52%)



- Cyan (14%)
- Magenta (0%)
- Yellow (33%)
- Black (35%)



- Cyan (44%)
- Magenta (35%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EA56E 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 8EA56E by changing the saturation by 10% instead.





8EA56E



8EA56E

FFFFFF



748B55



C4DCA2



5B713D



E1F9BD



435927



FDFFD9



2B4110



FFFFF6



172B00



001800



000000



8EA56E



8EA56E



87A55D



95A57E

 80A54D

 9CA58F

 79A53D

 A3A59F

 72A52C

 AAA5B0

 6CA51C

 B1A5C1

 65A50B

 B7A5D1

 60A500

 BEA5E2

 C5A5F2

 CCA5FF

# Harmonies

## Analogous

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



AC9D65



8EA56E



6DAA84

# Triad

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



8EA56E



52A7CF



D4889A

# Complementary

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



8EA56E



856EA5

# 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.



C58CB6



8EA56E



7D9ED5

# Square

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



8EA56E



3AABBC



A694CC



D38B7F

# Rectangle

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



8EA56E



56AC97



A694CC



D088A4



# Sweetspot

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



8EA56E



CDD6C1



A5856E



666B5E



EBEBEB



6B6B6B



# Same Dimension

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



8EA56E



B2D681



73A56E



4E5249



559100



0A1200



# Inverse Universe

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



856EA5



A481D6



A06EA5



4D4952



3D0091



070012



# Previews

## White Background



This preview shows how the Hex color 8EA56E looks on a white background.

## Color Contrast Check

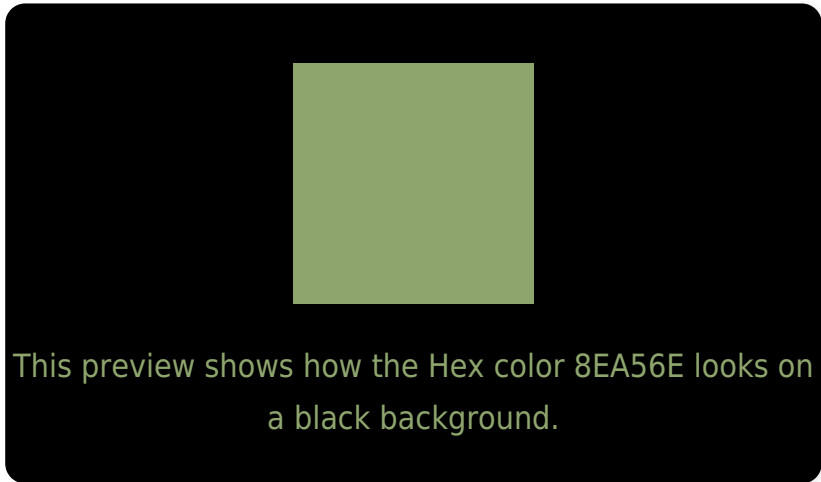
Large Text (above 18pt) WCAG AA × Fail

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

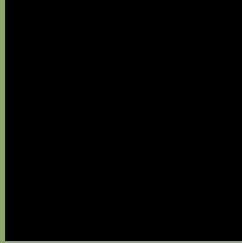
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8EA56E Background



This preview shows how black text looks on a background with the Hex color 8EA56E.

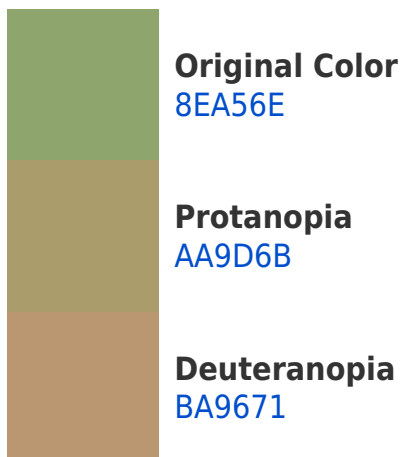


This preview shows how white text looks on a background with the Hex color 8EA56E.

# 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](#).

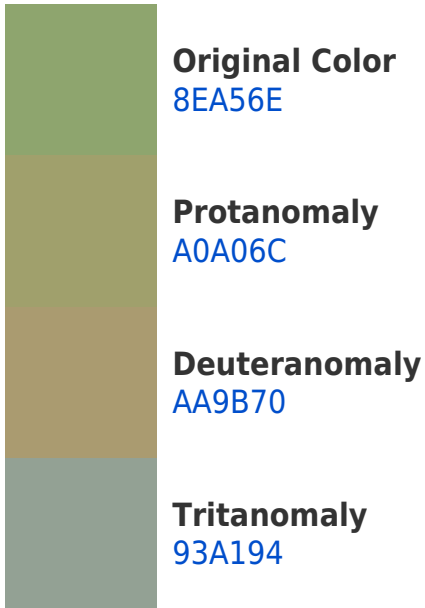
## Dichromacy



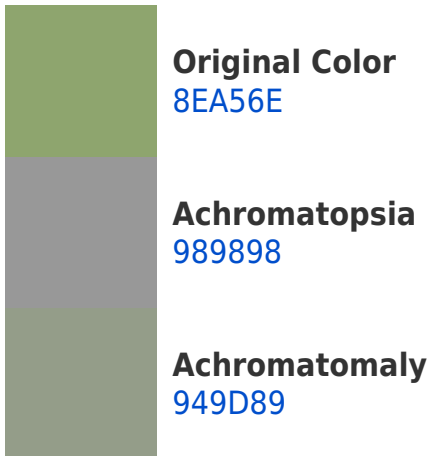


**Tritanopia**  
969EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EA56E 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 #8EA56E looks like.

```
.text, #text, p{  
    color:#8EA56E  
}
```

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 #8EA56E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA56E
}
```

## Border

The CSS property to change the border of an element to Hex 8EA56E 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
#8EA56E }
```

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

```
.border{ border-color:#8EA56E }
```

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

Here you see how a box with a 4 pixel #8EA56E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA56E; -webkit-box-shadow:4px 4px  
4px 4px #8EA56E; box-shadow:4px 4px 4px  
4px #8EA56E }
```

# Background

The CSS property to change the background color of an element to Hex 8EA56E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA56E }
```

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

```
.background{ background-color:#8EA56E }
```

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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