

Converting Colors

Hex(8EA86E)

Have a look what the booklet for
Hex(8EA86E) contains.

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Color

Hex(8EA86E)

Conversions

Conversions Part 1

Format	Color
Hex	8EA86E
RGB	142, 168, 110
RGB Percent	56%, 66%, 43%
CMY	0.4431, 0.3412, 0.5686
CMYK	0.15, 0.00, 0.35, 0.34
HSL	87°, 25%, 55%
HSV	87°, 35%, 66%
XYZ	27.9724, 34.8818, 20.0104
YIQ	153.6140, 3.1220, -23.5500

Conversions

Conversions Part 2

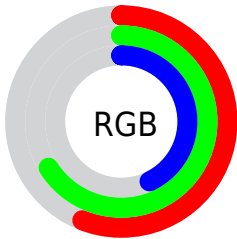
Format	Color
RYB	110, 168, 136
Decimal	9349230
CIELab	65.66, -19.38, 27.08
CIELCh	66, 33.301, 125.598
Yxy	34.8818, 0.3376, 0.4209
Android (android.graphics.Color)	4287539310 (0xFF8EA86E)
YUV	153.6140, -21.5017, -10.1855
Hunter-Lab	59.0608, -18.8152, 21.2545

Details

The Hex color **8EA86E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **886EA8**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **C4DFA2**, and **5B743D** is the 20% darker color. If you saturate the color by 10%, you get **86A85D**, and if you desaturate by 10%, it is **96A87F**.

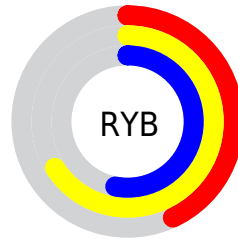
Distribution



Red (56%)

Green (66%)

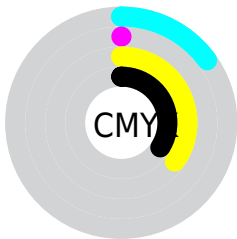
Blue (43%)



Red (43%)

Yellow (66%)

Blue (53%)

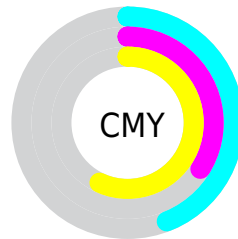


Cyan (15%)

Magenta (0%)

Yellow (35%)

Black (34%)



Cyan (44%)

Magenta (34%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EA86E 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 8EA86E by changing the saturation by 10% instead.



8EA86E



8EA86E

FFFFFF



748E55



C4DFA2



5B743D



E1FCBD



425B26



FDFFD9



2B4410



FFFFF6



162D00



001A00



000000



8EA86E



8EA86E



86A85D



96A87F

 7FA84C

 9DA890

 77A83C

 A5A8A0

 70A82B

 ACA8B1

 68A81A

 B4A8C2

 61A809

 BBA8D3

 5DA800

 C3A8E4

 CAA8F4

 D2A8FF

Harmonies

Analogous

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



AE9F64



8EA86E



6AAE86

Triad

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



8EA86E



4EA9D5



D9899B

Complementary

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



8EA86E



886EA8

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.



CA8CB9



8EA86E



7FA0DB

Square

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



8EA86E



30AEC1



AB96D0



D88C7E

Rectangle

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



8EA86E



51AF9A



AB96D0



D689A5

Sweetspot

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



8EA86E



D1DBC5



A8876E



686E60



EDEDED



6E6E6E

Same Dimension

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



8EA86E



B3DB81



72A86E



50544C



529400



0B1400

Inverse Universe

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



886EA8



AA81DB



A46EA8



504C54



420094



090014

Previews

White Background



This preview shows how the Hex color 8EA86E looks on a white background.

Color Contrast Check

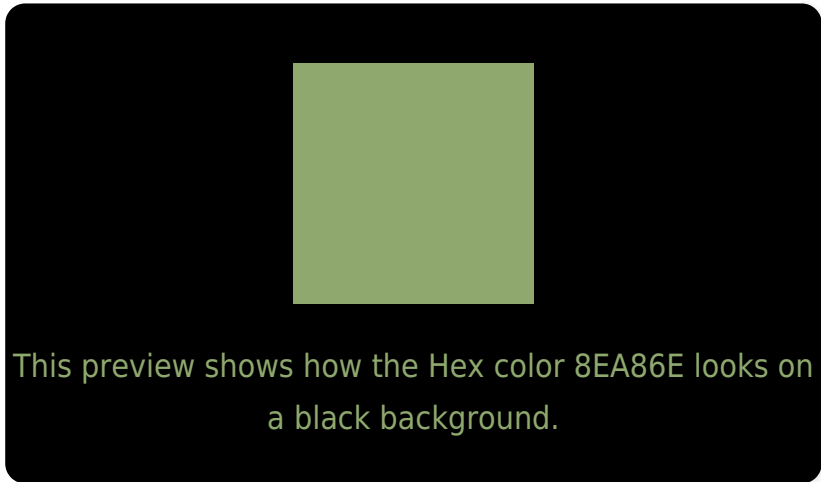
Large Text (above 18pt) WCAG AA × Fail

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

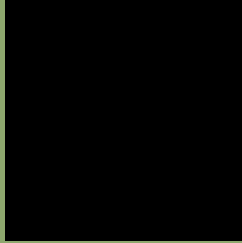
Any Text WCAG AA ✓ Pass

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 8EA86E Background



This preview shows how black text looks on a background with the Hex color 8EA86E.

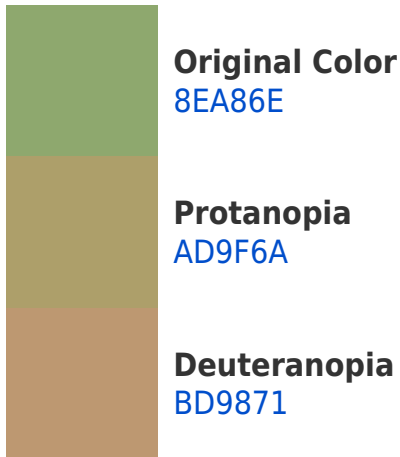


This preview shows how white text looks on a background with the Hex color 8EA86E.

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
97A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8EA86E 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 #8EA86E looks like.

```
.text, #text, p{  
    color:#8EA86E  
}
```

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 #8EA86E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EA86E
}
```

Border

The CSS property to change the border of an element to Hex 8EA86E 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
#8EA86E }
```

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

```
.border{ border-color:#8EA86E }
```

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

Here you see how a box with a 4 pixel #8EA86E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EA86E; -webkit-box-shadow:4px 4px  
4px 4px #8EA86E; box-shadow:4px 4px 4px  
4px #8EA86E }
```

Background

The CSS property to change the background color of an element to Hex 8EA86E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EA86E }
```

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

```
.background{ background-color:#8EA86E }
```

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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