

# Converting Colors

Hex(8EBA80)

Have a look what the booklet for  
Hex(8EBA80) contains.

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**Color**

**Hex(8EBA80)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EBA80
RGB	142, 186, 128
RGB Percent	56%, 73%, 50%
CMY	0.4431, 0.2706, 0.4980
CMYK	0.24, 0.00, 0.31, 0.27
HSL	106°, 30%, 62%
HSV	106°, 31%, 73%
XYZ	32.6105, 42.4271, 26.8926
YIQ	166.2320, -7.6060, -27.3660

# Conversions

## Conversions Part 2

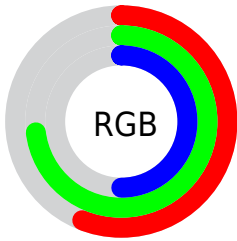
Format	Color
<a href="#">RYB</a>	<a href="#">128, 186, 172</a>
Decimal	<a href="#">9353856</a>
CIELab	<a href="#">71.16, -25.67, 24.80</a>
CIElCh	<a href="#">71, 35.696, 135.993</a>
Yxy	<a href="#">42.4271, 0.3199, 0.4162</a>
Android (android.graphics.Color)	<a href="#">4287543936 (0xFF8EBA80)</a>
YUV	<a href="#">166.2320, -18.8484, -21.2515</a>
Hunter-Lab	<a href="#">65.1361, -24.6218, 21.1164</a>

# Details

The Hex color **8EBA80** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AC80BA**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **C5F2B5**, and **5A854E** is the 20% darker color. If you saturate the color by 10%, you get **80BA6D**, and if you desaturate by 10%, it is **9CBA93**.

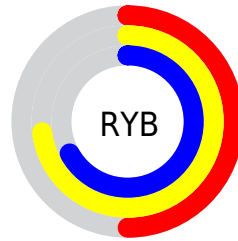
# Distribution



Red (56%)

Green (73%)

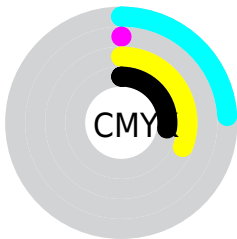
Blue (50%)



Red (50%)

Yellow (73%)

Blue (67%)

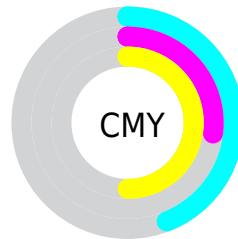


Cyan (24%)

Magenta (0%)

Yellow (31%)

Black (27%)



Cyan (44%)

Magenta (27%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EBA80 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 8EBA80 by changing the saturation by 10% instead.





8EBA80



8EBA80

FFFFFF



749F67



C5F2B5



5A854E



E1FFD1



426B37



FEFFED



295320



103B0A



002500



000800



000000



8EBA80



8EBA80

 80BA6D

 9CBA93

 72BA5B

 AABAA5

 64BA48

 B8BAB8

 56BA36

 C6BACA

 47BA23

 D5BADD

 39BA10

 E3BAF0

 2DBA00

 F1BAFF

 FFBAFF

# Harmonies

## Analogous

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



B3B26F



8EBA80



66BF9D

# Triad

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



8EBA80



68B6ED



EE969E

# Complementary

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



8EBA80



AC80BA

# 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.



E497BF



8EBA80



9CABEC

# Square

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



8EBA80



3ABDDC



C8A0DC



E79C81

# Rectangle

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



8EBA80



4BC0B4



C8A0DC



ED95A9

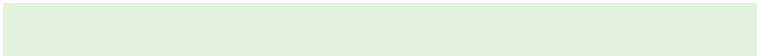


# Sweetspot

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



8EBA80



E2F2DC



BAAB80



707A6D



FAFAFA



7A7A7A



# Same Dimension

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



8EBA80



AEF299



80BA8F



555C53



269C00



071C00



# Inverse Universe

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



AC80BA



DD99F2



BA80AB



5A535C



76009C



15001C



# Previews

## White Background



This preview shows how the Hex color 8EBA80 looks on a white background.

## Color Contrast Check

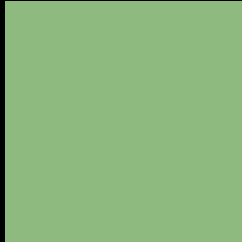
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 8EBA80 looks on a 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 8EBA80 Background



This preview shows how black text looks on a background with the Hex color 8EBA80.

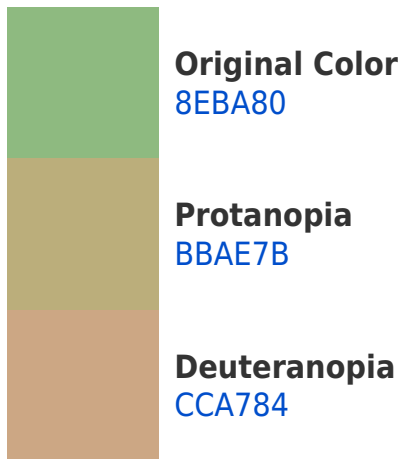


This preview shows how white text looks on a background with the Hex color 8EBA80.

# 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](#).

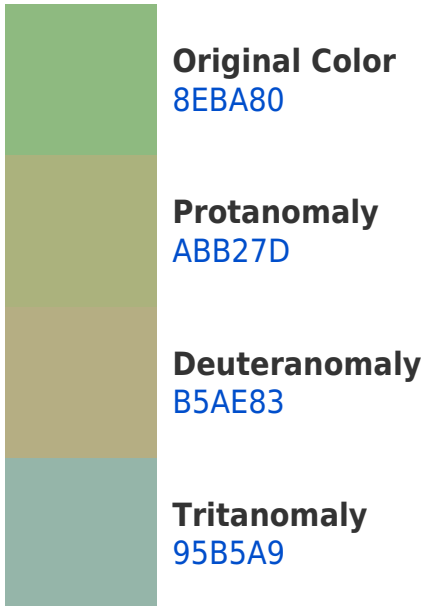
## Dichromacy



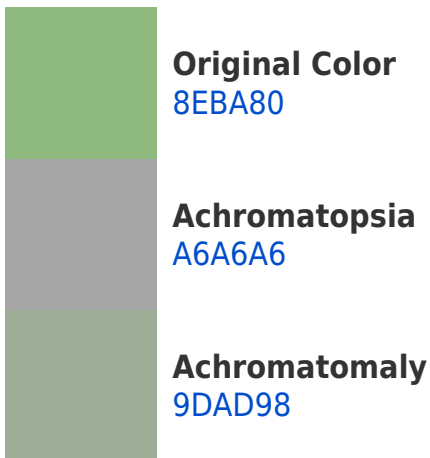


**Tritanopia**  
99B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EBA80 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 #8EBA80 looks like.

```
.text, #text, p{  
    color:#8EBA80  
}
```

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 #8EBA80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EBA80
}
```

## Border

The CSS property to change the border of an element to Hex 8EBA80 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
#8EBA80 }
```

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

```
.border{ border-color:#8EBA80 }
```

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

Here you see how a box with a 4 pixel #8EBA80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EBA80; -webkit-box-shadow:4px 4px  
4px 4px #8EBA80; box-shadow:4px 4px 4px  
4px #8EBA80 }
```

# Background

The CSS property to change the background color of an element to Hex 8EBA80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EBA80 }
```

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

```
.background{ background-color:#8EBA80 }
```

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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