

# Converting Colors

Hex(8EB577)

Have a look what the booklet for  
Hex(8EB577) contains.

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**Color**

**Hex(8EB577)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EB577
RGB	142, 181, 119
RGB Percent	56%, 71%, 47%
CMY	0.4431, 0.2902, 0.5333
CMYK	0.22, 0.00, 0.34, 0.29
HSL	98°, 30%, 59%
HSV	98°, 34%, 71%
XYZ	31.0090, 40.1304, 23.5644
YIQ	162.2710, -3.3420, -27.5500

# Conversions

## Conversions Part 2

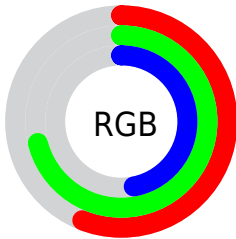
Format	Color
<a href="#">RYB</a>	<a href="#">119, 181, 158</a>
Decimal	<a href="#">9352567</a>
CIELab	<a href="#">69.56, -24.60, 27.44</a>
CIELCh	<a href="#">70, 36.853, 131.868</a>
Yxy	<a href="#">40.1304, 0.3274, 0.4237</a>
Android (android.graphics.Color)	<a href="#">4287542647 (0xFF8EB577)</a>
YUV	<a href="#">162.2710, -21.3326, -17.7777</a>
Hunter-Lab	<a href="#">63.3486, -23.4847, 22.2894</a>

# Details

The Hex color **8EB577** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **9E77B5**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **C5EDAC**, and **5A8046** is the 20% darker color. If you saturate the color by 10%, you get **83B565**, and if you desaturate by 10%, it is **99B589**.

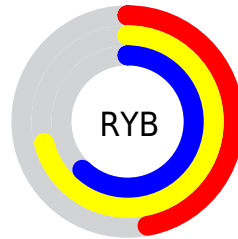
# Distribution



Red (56%)

Green (71%)

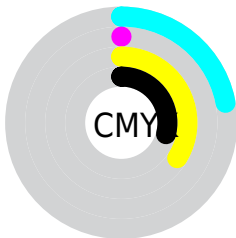
Blue (47%)



Red (47%)

Yellow (71%)

Blue (62%)

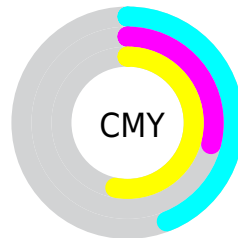


Cyan (22%)

Magenta (0%)

Yellow (34%)

Black (29%)



Cyan (44%)

Magenta (29%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EB577 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 8EB577 by changing the saturation by 10% instead.





8EB577



8EB577

FFFFFF



749A5E



C5EDAC



5A8046



E1FFC7



42672E



FEF FE3



2A4E18



123700



002200



000000



8EB577



8EB577



83B565



99B589

 77B553

 A5B59B

 6CB541

 B0B5AD

 60B52F

 BCB5BF

 55B51D

 C7B5D2

 4AB50A

 D2B5E4

 43B500

 DEB5F6

 E9B5FF

 F4B5FF

# Harmonies

## Analogous

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



B3AC68



8EB577



64BA94

# Triad

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



8EB577



57B3E9



EB909E

# Complementary

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



8EB577



9E77B5

# 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.



DE93C0



8EB577



90A9EB

# Square

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



8EB577



24BAD5



BF9CDC



E6967F

# Rectangle

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



8EB577



46BCAB



BF9CDC



E990A9



# Sweetspot

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



8EB577



DCEBD3



B59D77



6C7567



F5F5F5



757575



# Same Dimension

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



8EB577



AEEB8A



77B57E



545950



399900



091A00



# Inverse Universe

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



9E77B5



C78AEB



B577AE



565059



600099



10001A



# Previews

## White Background



This preview shows how the Hex color 8EB577 looks on a white background.

## Color Contrast Check

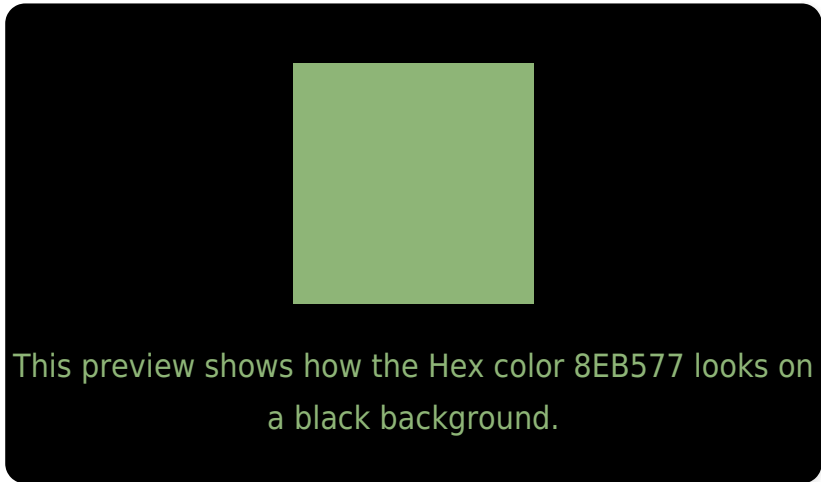
Large Text (above 18pt) WCAG AA × Fail

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

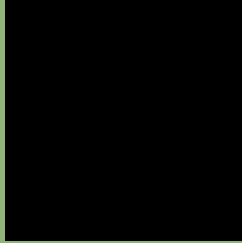
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8EB577 Background



This preview shows how black text looks on a background with the Hex color 8EB577.

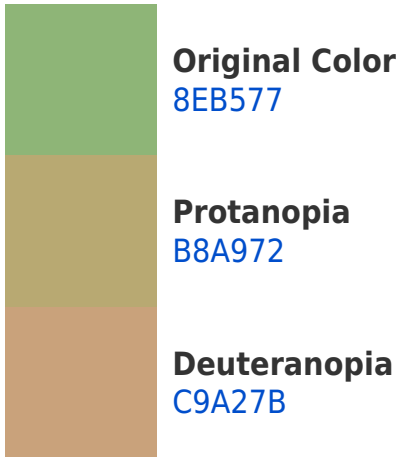


This preview shows how white text looks on a background with the Hex color 8EB577.

# 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](#).

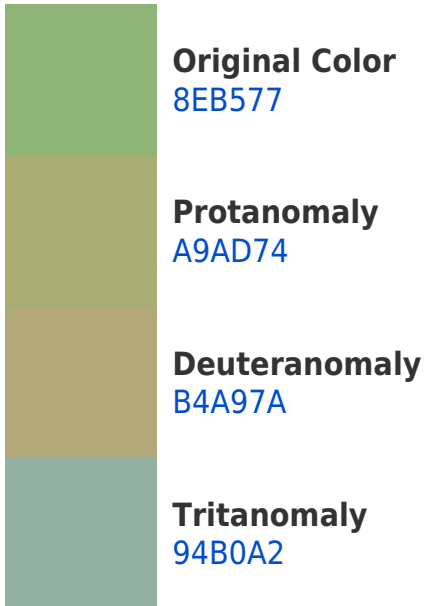
## Dichromacy



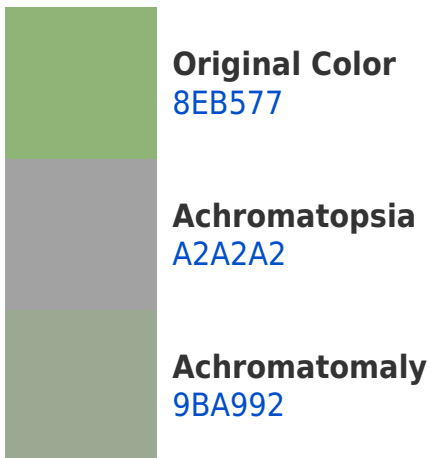


**Tritanopia**  
98ADBA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EB577 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 #8EB577 looks like.

```
.text, #text, p{  
    color:#8EB577  
}
```

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 #8EB577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EB577
}
```

## Border

The CSS property to change the border of an element to Hex 8EB577 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
#8EB577 }
```

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

```
.border{ border-color:#8EB577 }
```

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

Here you see how a box with a 4 pixel #8EB577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EB577; -webkit-box-shadow:4px 4px  
4px 4px #8EB577; box-shadow:4px 4px 4px  
4px #8EB577 }
```

# Background

The CSS property to change the background color of an element to Hex 8EB577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EB577 }
```

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

```
.background{ background-color:#8EB577 }
```

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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