

# Converting Colors

Hex(8EE89C)

Have a look what the booklet for  
Hex(8EE89C) contains.

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**Color**

**Hex(8EE89C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EE89C
RGB	142, 232, 156
RGB Percent	56%, 91%, 61%
CMY	0.4431, 0.0902, 0.3882
CMYK	0.39, 0.00, 0.33, 0.09
HSL	129°, 66%, 73%
HSV	129°, 39%, 91%
XYZ	46.0127, 65.8643, 41.7405
YIQ	196.4260, -29.2440, -42.7160

# Conversions

## Conversions Part 2

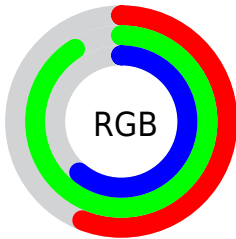
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 220, 232
Decimal	9365660
CIELab	84.93, -42.43, 28.72
CIELCh	85, 51.240, 145.903
Yxy	65.8643, 0.2995, 0.4288
Android (android.graphics.Color)	4287555740 (0xFF8EE89C)
YUV	196.4260, -19.9300, -47.7316
Hunter-Lab	81.1568, -40.8221, 26.3158

# Details

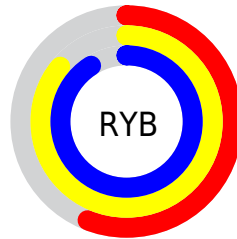
The Hex color **8EE89C** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E88EDA**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **C7FFD3**, and **57B068** is the 20% darker color. If you saturate the color by 10%, you get **77E888**, and if you desaturate by 10%, it is **A5E8B0**.

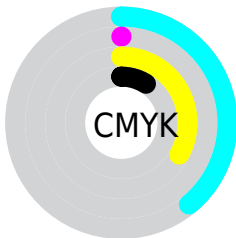
# Distribution



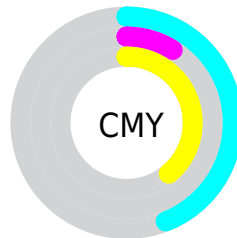
- Red (56%)
- Green (91%)
- Blue (61%)



- Red (56%)
- Yellow (86%)
- Blue (91%)



- Cyan (39%)
- Magenta (0%)
- Yellow (33%)
- Black (9%)



- Cyan (44%)
- Magenta (9%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EE89C 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 8EE89C by changing the saturation by 10% instead.



 8EE89C

 8EE89C

FFFFFF

 72CC82

 C7FFD3

 57B068

 E4FFEF

 3A954F

 1A7A38

 006120

 004809

 003100

 001A00

 000000

 8EE89C

 8EE89C

 77E888

 A5E8B0

 60E875

 BCE8C3

 48E861

 D4E8D7

 31E84E

 EBE8EA

 1AE83A

 FFE8FE

 03E826

 FFE8FF

 00E824

# Harmonies

## Analogous

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



C8DE7B



8EE89C



3DEDCC

# Triad

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



8EE89C



79DBFF



FFB0AC

# Complementary

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



8EE89C



E88EDA

# 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.



FFAEDD



8EE89C



CFCAFF

# Square

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



8EE89C



00E7FF



FFB8FF



FFBE85

# Rectangle

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



8EE89C



00EDED



FFB8FF



FFAEBC

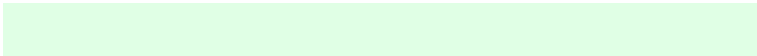


# Sweetspot

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



8EE89C



E0FFE5



DBE88E



6E8070



000000



808080



# Same Dimension

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



8EE89C



87FF9A



8EE8C9



677369



00B31C



003308



# Inverse Universe

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



E88EDA



FF87EC



E88EAD



736771



B30097

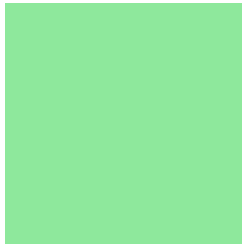


33002B



# Previews

## White Background



This preview shows how the Hex color 8EE89C 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 8EE89C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

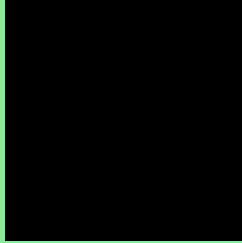
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8EE89C Background



This preview shows how black text looks on a background with the Hex color 8EE89C.

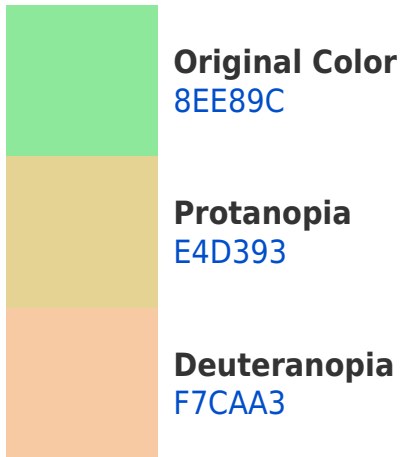


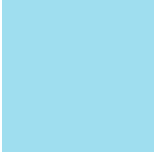
This preview shows how white text looks on a background with the Hex color 8EE89C.

# 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](#).

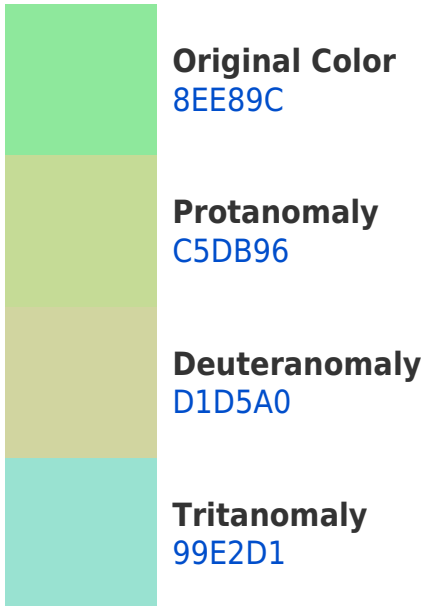
## Dichromacy



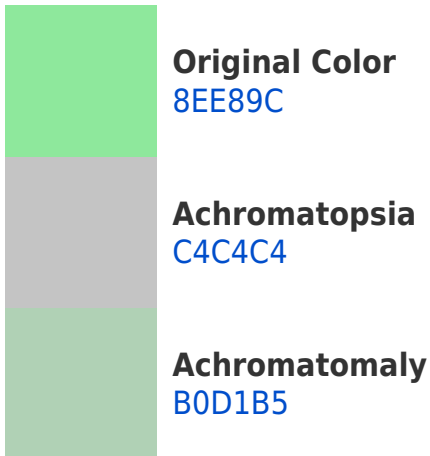


**Tritanopia**  
9FDEEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EE89C 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 #8EE89C looks like.

```
.text, #text, p{  
    color:#8EE89C  
}
```

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 #8EE89C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EE89C
}
```

## Border

The CSS property to change the border of an element to Hex 8EE89C 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
#8EE89C }
```

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

```
.border{ border-color:#8EE89C }
```

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

Here you see how a box with a 4 pixel #8EE89C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EE89C; -webkit-box-shadow:4px 4px  
4px 4px #8EE89C; box-shadow:4px 4px 4px  
4px #8EE89C }
```

# Background

The CSS property to change the background color of an element to Hex 8EE89C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EE89C }
```

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

```
.background{ background-color:#8EE89C }
```

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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