

# Converting Colors

Hex(8EE7ED)

Have a look what the booklet for  
Hex(8EE7ED) contains.

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# **Color**

**Hex(8EE7ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EE7ED
RGB	142, 231, 237
RGB Percent	56%, 91%, 93%
CMY	0.4431, 0.0941, 0.0706
CMYK	0.40, 0.03, 0.00, 0.07
HSL	184°, 73%, 74%
HSV	184°, 40%, 93%
XYZ	55.0173, 69.0170, 90.5427
YIQ	205.0730, -54.9700, -17.0020

# Conversions

## Conversions Part 2

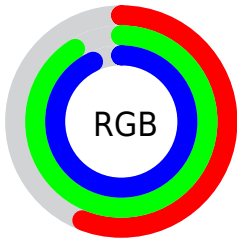
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 188, 237
Decimal	9365485
CIELab	86.51, -25.16, -11.33
CIELCh	87, 27.596, 204.235
Yxy	69.0170, 0.2564, 0.3216
Android (android.graphics.Color)	4287555565 (0xFF8EE7ED)
YUV	205.0730, 15.7400, -55.3150
Hunter-Lab	83.0765, -27.1725, -6.4649

# Details

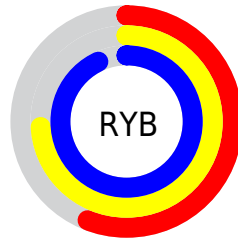
The Hex color **8EE7ED** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **ED948E**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **C8FFFF**, and **55AFB5** is the 20% darker color. If you saturate the color by 10%, you get **76E6ED**, and if you desaturate by 10%, it is **A6E8ED**.

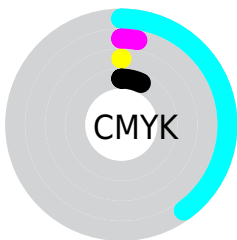
# Distribution



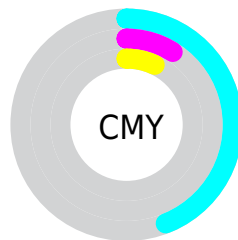
- Red (56%)
- Green (91%)
- Blue (93%)



- Red (56%)
- Yellow (74%)
- Blue (93%)



- Cyan (40%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (44%)
- Magenta (9%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EE7ED 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 8EE7ED by changing the saturation by 10% instead.



 8EE7ED

 8EE7ED

FFFFFF

 72CBD1

 C8FFFF

 55AFB5

 E5FFFF

 36949A

 0D7A80

 006167

 00494F

 003238

 001F23

 00010D

 8EE7ED

 8EE7ED

 76E6ED

 A6E8ED

 5FE4ED

 BDEAED

 47E3ED

 D5EBED

 2FE1ED

 EDEDED

 18E0ED

 FFEED

 00DEED

 FFF0ED

 FFF1ED

 FFF3ED

 FFF4ED

# Harmonies

## Analogous

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



9DE7D2



8EE7ED



96E3FF

# Triad

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



8EE7ED



F6CBF7



F1D5A5

# Complementary

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



8EE7ED



ED948E

# 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.



FFCDAF



8EE7ED



FFC6DF

# Square

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



8EE7ED



D6D4FF



FFC7C4



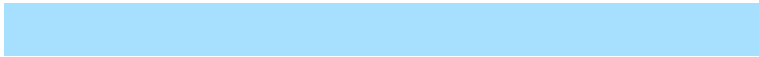
D6DDA8

# Rectangle

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



8EE7ED



A7DFFF



FFC7C4



F9D2A7

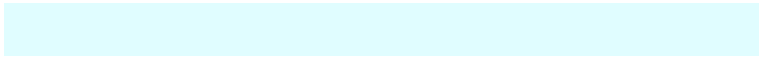


# Sweetspot

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



8EE7ED



E0DFF



8EED93



6E7E80



000000



808080



# Same Dimension

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



8EE7ED



85F7FF



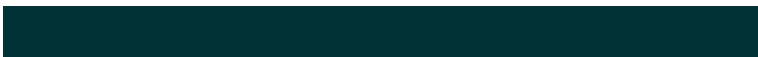
8EB9ED



6A7575



00AAB5



003236



# Inverse Universe

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



ED8EE7



FF85F7



EDC28E



756A75



B500AA

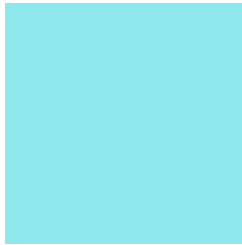


360032



# Previews

## White Background



This preview shows how the Hex color 8EE7ED looks on a white background.

## Color Contrast Check

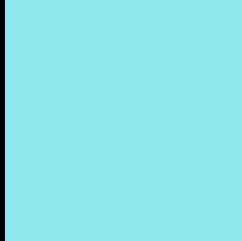
Large Text (above 18pt) WCAG AA × Fail

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 8EE7ED 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 8EE7ED Background



This preview shows how black text looks on a background with the Hex color 8EE7ED.

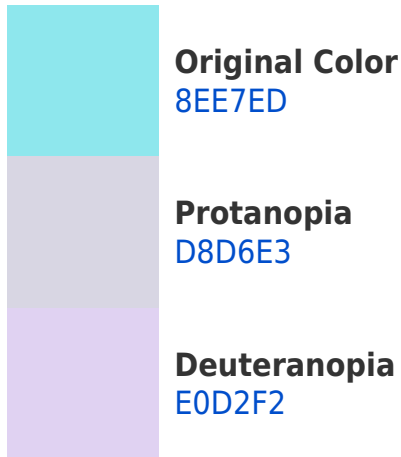


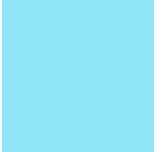
This preview shows how white text looks on a background with the Hex color 8EE7ED.

# 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



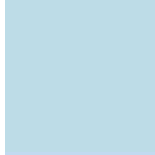


**Tritanopia**  
91E5F8

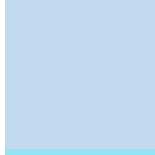
# Trichromacy



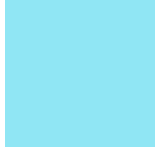
**Original Color**  
8EE7ED



**Protanomaly**  
BDDCE7



**Deuteranomaly**  
C2DAF0

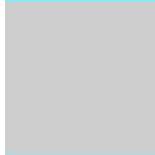


**Tritanomaly**  
90E6F4

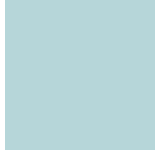
# Monochromacy



**Original Color**  
8EE7ED



**Achromatopsia**  
CDCDCD



**Achromatomaly**  
B6D6D9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EE7ED 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 #8EE7ED looks like.

```
.text, #text, p{  
    color:#8EE7ED  
}
```

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 #8EE7ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EE7ED
}
```

## Border

The CSS property to change the border of an element to Hex 8EE7ED 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
#8EE7ED }
```

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

```
.border{ border-color:#8EE7ED }
```

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

Here you see how a box with a 4 pixel #8EE7ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EE7ED; -webkit-box-shadow:4px 4px  
4px 4px #8EE7ED; box-shadow:4px 4px 4px  
4px #8EE7ED }
```

# Background

The CSS property to change the background color of an element to Hex 8EE7ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EE7ED }
```

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

```
.background{ background-color:#8EE7ED }
```

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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