

# Converting Colors

Hex(8EEEB2)

Have a look what the booklet for  
Hex(8EEEB2) contains.

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# Color

**Hex(8EEEB2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EEEE2
RGB	142, 238, 178
RGB Percent	56%, 93%, 70%
CMY	0.4431, 0.0667, 0.3020
CMYK	0.40, 0.00, 0.25, 0.07
HSL	142°, 74%, 75%
HSV	142°, 40%, 93%
XYZ	49.7657, 70.1142, 53.0299
YIQ	202.4560, -37.9560, -39.0120

# Conversions

## Conversions Part 2

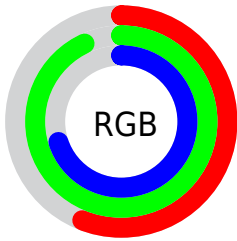
Format	Color
<a href="#">RYB</a>	<a href="#">142, 212, 238</a>
Decimal	<a href="#">9367218</a>
CIELab	<a href="#">87.05, -41.20, 20.32</a>
CIElCh	<a href="#">87, 45.937, 153.745</a>
Yxy	<a href="#">70.1142, 0.2878, 0.4055</a>
Android (android.graphics.Color)	<a href="#">4287557298 (0xFF8EEEB2)</a>
YUV	<a href="#">202.4560, -12.0568, -53.0199</a>
Hunter-Lab	<a href="#">83.7342, -40.4470, 21.0649</a>

# Details

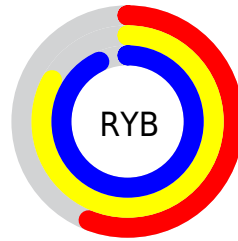
The Hex color **8EEEB2** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EE8ECA**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **C7FFEA**, and **56B57D** is the 20% darker color. If you saturate the color by 10%, you get **76EEA3**, and if you desaturate by 10%, it is **A6EEC1**.

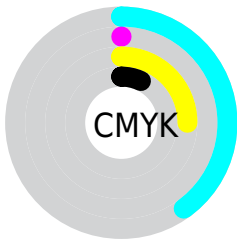
# Distribution



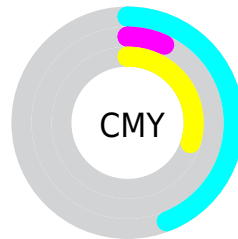
- Red (56%)
- Green (93%)
- Blue (70%)



- Red (56%)
- Yellow (83%)
- Blue (93%)



- Cyan (40%)
- Magenta (0%)
- Yellow (25%)
- Black (7%)



- Cyan (44%)
- Magenta (7%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EEEB2 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 8EEEB2 by changing the saturation by 10% instead.



 8EEEB2

 8EEEB2

FFFFFF

 72D197

 C7FFEA

 56B57D

 E4FFFF

 399A64

 17804C

 006635

 004D1F

 003508

 002000

 000000

 8EEE82

 8EEE82

 76EEA3

 A6EEC1

 5EEE94

 BEEED0

 47EE85

 D5EEDF

 2FEE76

 EDEEED

 17EE68

 FFEFC

 00EE59

 FFEFF

# Harmonies

## Analogous

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



C3E690



8EEEB2



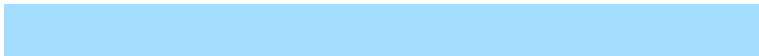
50F1DE

# Triad

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



8EEEB2



A3DDFF



FFBDAC

# Complementary

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



8EEE82



EE8E8A

# 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.



FFB8D6



8EEEB2



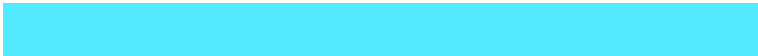
E6CDFF

# Square

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



8EEEB2



53E9FF



FFBEFF



FFCA8D

# Rectangle

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



8EEE B2



1D F1 FC



FF BE FF



FF BA B9

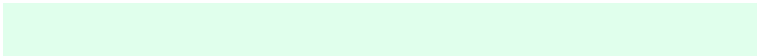


# Sweetspot

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



8EEE82



E0FFEC



CBEE8E



6E8074



000000



808080

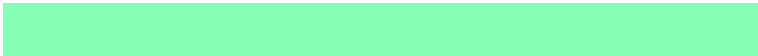


# Same Dimension

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



8EEEB2



85FFB3



8EEEE1



6C7870



00B845



003815



# Inverse Universe

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



EE8ECA



FF85D1



EE8E9B



786C73



B80073

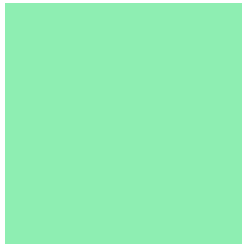


380023



# Previews

## White Background



This preview shows how the Hex color 8EEEB2 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 8EEEB2 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 8EEEB2 Background



This preview shows how black text looks on a background with the Hex color 8EEEB2.

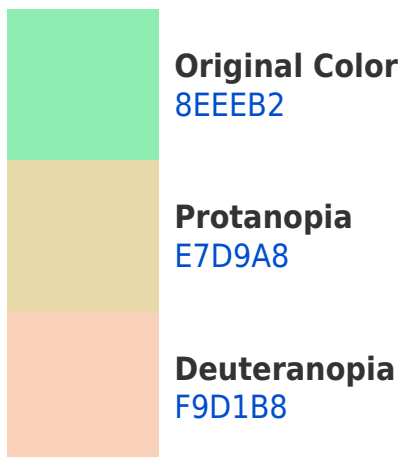


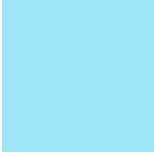
This preview shows how white text looks on a background with the Hex color 8EEEB2.

# 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



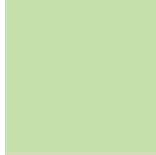


**Tritanopia**  
9EE5F7

# Trichromacy



**Original Color**  
8EEEE2



**Protanomaly**  
C7E1AC



**Deuteranomaly**  
D2DCB6



**Tritanomaly**  
98E8DE

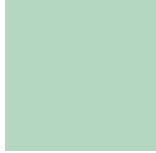
# Monochromacy



**Original Color**  
8EEEE2



**Achromatopsia**  
CACACA



**Achromatomaly**  
B4D7C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EEEB2 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 #8EEEB2 looks like.

```
.text, #text, p{  
    color:#8EEEB2  
}
```

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 #8EEEB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EEEB2
}
```

## Border

The CSS property to change the border of an element to Hex 8EEEB2 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
#8EEEB2 }
```

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

```
.border{ border-color:#8EEEB2 }
```

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

Here you see how a box with a 4 pixel #8EEEB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EEEB2; -webkit-box-shadow:4px 4px  
4px 4px #8EEEB2; box-shadow:4px 4px 4px  
4px #8EEEB2 }
```

# Background

The CSS property to change the background color of an element to Hex 8EEEB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EEEB2 }
```

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

```
.background{ background-color:#8EEEB2 }
```

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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