

Converting Colors

Hex(8EE89E)

Have a look what the booklet for
Hex(8EE89E) contains.

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Color

Hex(8EE89E)

Conversions

Conversions Part 1

Format	Color
Hex	8EE89E
RGB	142, 232, 158
RGB Percent	56%, 91%, 62%
CMY	0.4431, 0.0902, 0.3804
CMYK	0.39, 0.00, 0.32, 0.09
HSL	131°, 66%, 73%
HSV	131°, 39%, 91%
XYZ	46.1835, 65.9326, 42.6399
YIQ	196.6540, -29.8860, -42.0940

Conversions

Conversions Part 2

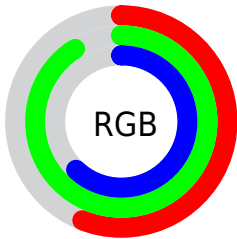
Format	Color
RYB	142, 218, 232
Decimal	9365662
CIELab	84.96, -42.10, 27.75
CIElCh	85, 50.419, 146.609
Yxy	65.9326, 0.2984, 0.4260
Android (android.graphics.Color)	4287555742 (0xFF8EE89E)
YUV	196.6540, -19.0564, -47.9316
Hunter-Lab	81.1989, -40.5727, 25.7043

Details

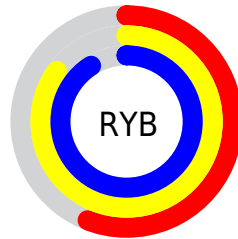
The Hex color **8EE89E** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E88ED8**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **C7FFD5**, and **57B06A** is the 20% darker color. If you saturate the color by 10%, you get **77E88B**, and if you desaturate by 10%, it is **A5E8B1**.

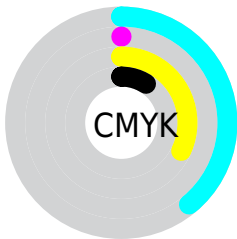
Distribution



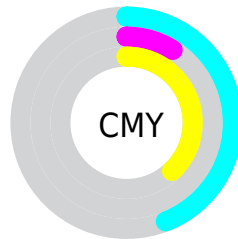
- Red (56%)
- Green (91%)
- Blue (62%)



- Red (56%)
- Yellow (85%)
- Blue (91%)



- Cyan (39%)
- Magenta (0%)
- Yellow (32%)
- Black (9%)



- Cyan (44%)
- Magenta (9%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EE89E 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 8EE89E by changing the saturation by 10% instead.

 8EE89E

 8EE89E

FFFFFF

 72CC84

 C7FFD5

 57B06A

 E4FFF2

 3A9551

 1A7A39

 006122

 00480B

 003100

 001A00

 000000

 8EE89E

 8EE89E

 77E88B

 A5E8B1

 60E878

 BCE8C4

 48E865

 D4E8D7

 31E852

 EBE8EA

 1AE83F

 FFE8FD

 03E82C

 FFE8FF

 00E829

Harmonies

Analogous

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



C7DE7D



8EE89E



40EDCD

Triad

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



8EE89E



7EDBFF



FFB1AC

Complementary

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



8EE89E



E88ED8

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.



FFAEDC



8EE89E



D1CAFF

Square

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



8EE89E



00E7FF



FFB8FF



FFBF86

Rectangle

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



8EE89E



00EDEE



FFB8FF



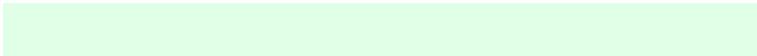
FFAFBB

Sweetspot

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



8EE89E



E0FFE6



D9E88E



6E8071



000000



808080

Same Dimension

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



8EE89E



87FF9C



8EE8CA



677369



00B320



003309

Inverse Universe

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



E88ED8



FF87EA



E88EAC



736771



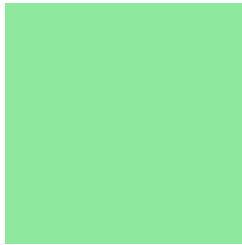
B30093



33002A

Previews

White Background



This preview shows how the Hex color 8EE89E looks on a white background.

Color Contrast Check

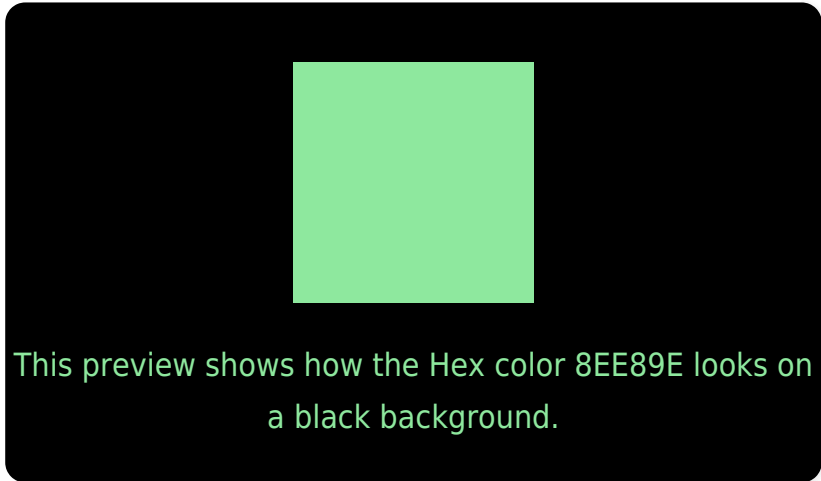
Large Text (above 18pt) WCAG AA × Fail

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 8EE89E Background



This preview shows how black text looks on a background with the Hex color 8EE89E.

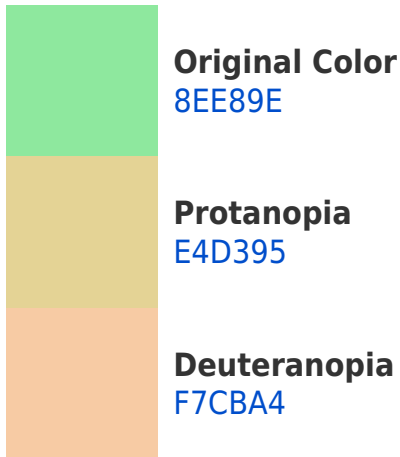


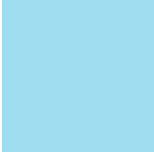
This preview shows how white text looks on a background with the Hex color 8EE89E.

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



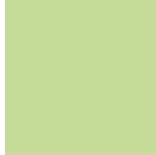


Tritanopia
9FDEF0

Trichromacy



Original Color
8EE89E



Protanomaly
C5DB98



Deuteranomaly
D1D6A2



Tritanomaly
99E2D2

Monochromacy



Original Color
8EE89E



Achromatopsia
C5C5C5



Achromatomaly
B1D2B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EE89E 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 #8EE89E looks like.

```
.text, #text, p{  
    color:#8EE89E  
}
```

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 #8EE89E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EE89E
}
```

Border

The CSS property to change the border of an element to Hex 8EE89E 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
#8EE89E }
```

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

```
.border{ border-color:#8EE89E }
```

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

Here you see how a box with a 4 pixel #8EE89E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EE89E; -webkit-box-shadow:4px 4px  
4px 4px #8EE89E; box-shadow:4px 4px 4px  
4px #8EE89E }
```

Background

The CSS property to change the background color of an element to Hex 8EE89E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EE89E }
```

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

```
.background{ background-color:#8EE89E }
```

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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