

Converting Colors

Hex(8EE0B1)

Have a look what the booklet for
Hex(8EE0B1) contains.

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Color

Hex(8EE0B1)

Conversions

Conversions Part 1

Format	Color
Hex	8EE0B1
RGB	142, 224, 177
RGB Percent	56%, 88%, 69%
CMY	0.4431, 0.1216, 0.3059
CMYK	0.37, 0.00, 0.21, 0.12
HSL	146°, 57%, 72%
HSV	146°, 37%, 88%
XYZ	45.7468, 62.2364, 51.1967
YIQ	194.1240, -33.7850, -32.0010

Conversions

Conversions Part 2

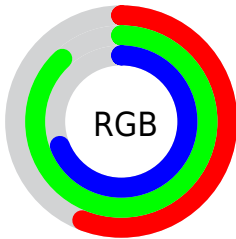
Format	Color
RYB	142, 199, 224
Decimal	9363633
CIELab	83.04, -35.05, 15.24
CIElCh	83, 38.218, 156.507
Yxy	62.2364, 0.2874, 0.3910
Android (android.graphics.Color)	4287553713 (0xFF8EE0B1)
YUV	194.1240, -8.4421, -45.7127
Hunter-Lab	78.8901, -34.5490, 16.7461

Details

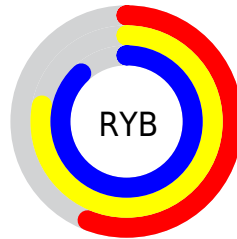
The Hex color **8EE0B1** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E08EBD**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **C6FFE9**, and **58A87C** is the 20% darker color. If you saturate the color by 10%, you get **78E0A4**, and if you desaturate by 10%, it is **A4E0BE**.

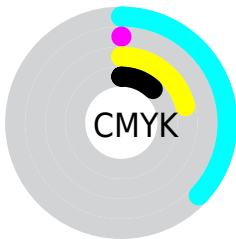
Distribution



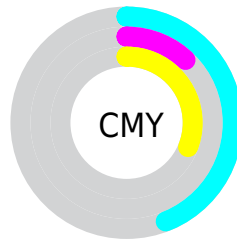
- Red (56%)
- Green (88%)
- Blue (69%)



- Red (56%)
- Yellow (78%)
- Blue (88%)



- Cyan (37%)
- Magenta (0%)
- Yellow (21%)
- Black (12%)



- Cyan (44%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EE0B1 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 8EE0B1 by changing the saturation by 10% instead.

 8EE0B1

 8EE0B1

FFFFFF


 73C496

 C6FFE9

 58A87C

 E3FFFF

 3C8E63

 1F744B

 005A34

 00421F

 002B08

 001300

 000000

 8EE0B1

 8EE0B1

 78E0A4

 A4E0BE

 61E097

 BBE0CB

 4BE08A

 D1E0D8

 34E07E

 E8E0E4

 1EE071

 FEE0F1

 08E064

 FFE0FE

 00E060

 FFE0FF

Harmonies

Analogous

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



B9D994



8EE0B1



64E3D6

Triad

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



8EE0B1



AAD0FF



FFB8A6

Complementary

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



8EE0B1



E08EBD

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.



FFB3C8



8EE0B1



DEC3FF

Square

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



8EE0B1



73DAFF



FFB8EC



FFC38E

Rectangle

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



8EE0B1



53E2EE



FFB8EC



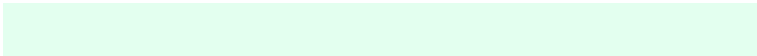
FFB6B1

Sweetspot

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



8EE0B1



E3FFEF



BEE08E



6F8076



000000



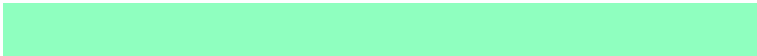
808080

Same Dimension

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



8EE0B1



8FFFBF



8EE0D9



65706A



00B04B



003015

Inverse Universe

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



E08EBD



FF8FCF



E08E95



70656B



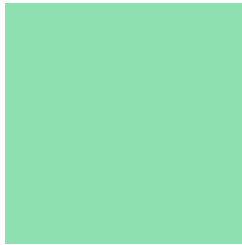
B00065



30001C

Previews

White Background



This preview shows how the Hex color 8EE0B1 looks on a white background.

Color Contrast Check

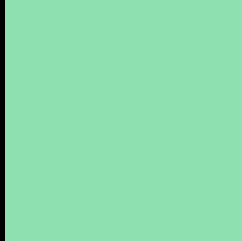
Large Text (above 18pt) WCAG AA × Fail

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 8EE0B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

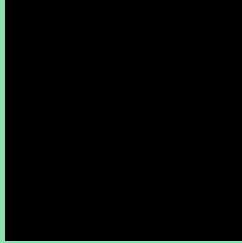
Any Text WCAG AA ✓ Pass

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 8EE0B1 Background



This preview shows how black text looks on a background with the Hex color 8EE0B1.

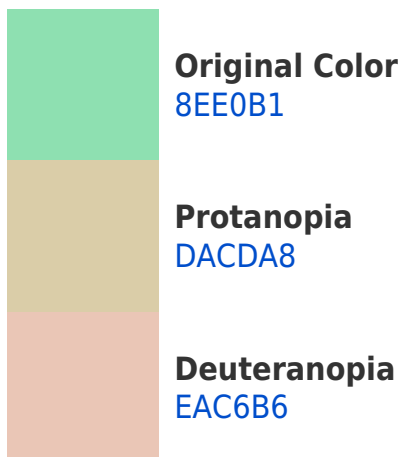


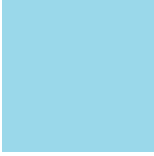
This preview shows how white text looks on a background with the Hex color 8EE0B1.

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
9AD8EA

Trichromacy



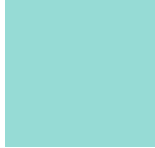
Original Color
8EE0B1



Protanomaly
BED4AB



Deuteranomaly
C9CFB4



Tritanomaly
96DBD5

Monochromacy



Original Color
8EE0B1



Achromatopsia
C2C2C2



Achromatomaly
AFCDBC

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EE0B1 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 #8EE0B1 looks like.

```
.text, #text, p{  
    color:#8EE0B1  
}
```

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 #8EE0B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EE0B1
}
```

Border

The CSS property to change the border of an element to Hex 8EE0B1 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
#8EE0B1 }
```

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

```
.border{ border-color:#8EE0B1 }
```

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

Here you see how a box with a 4 pixel #8EE0B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EE0B1; -webkit-box-shadow:4px 4px  
4px 4px #8EE0B1; box-shadow:4px 4px 4px  
4px #8EE0B1 }
```

Background

The CSS property to change the background color of an element to Hex 8EE0B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EE0B1 }
```

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

```
.background{ background-color:#8EE0B1 }
```

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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