

Converting Colors

Hex(8EE3B1)

Have a look what the booklet for
Hex(8EE3B1) contains.

Hex(8EE3B1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8EE3B1)

Conversions

Conversions Part 1

Format	Color
Hex	8EE3B1
RGB	142, 227, 177
RGB Percent	56%, 89%, 69%
CMY	0.4431, 0.1098, 0.3059
CMYK	0.37, 0.00, 0.22, 0.11
HSL	145°, 60%, 72%
HSV	145°, 37%, 89%
XYZ	46.5602, 63.8633, 51.4678
YIQ	195.8850, -34.6100, -33.5700

Conversions

Conversions Part 2

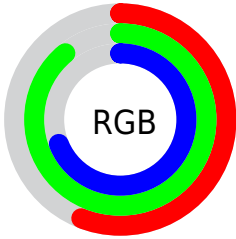
Format	Color
RYB	142, 202, 227
Decimal	9364401
CIELab	83.89, -36.43, 16.44
CIELCh	84, 39.966, 155.716
Yxy	63.8633, 0.2876, 0.3945
Android (android.graphics.Color)	4287554481 (0xFF8EE3B1)
YUV	195.8850, -9.3103, -47.2571
Hunter-Lab	79.9145, -35.8517, 17.7552

Details

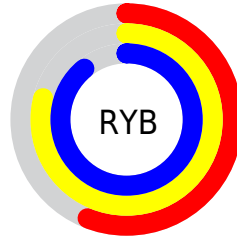
The Hex color **8EE3B1** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E38EC0**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **C6FFE9**, and **57AB7C** is the 20% darker color. If you saturate the color by 10%, you get **77E3A4**, and if you desaturate by 10%, it is **A5E3BE**.

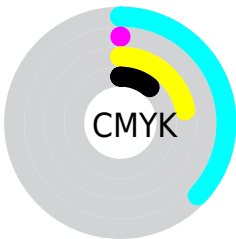
Distribution



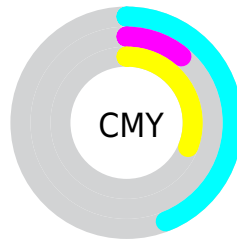
- Red (56%)
- Green (89%)
- Blue (69%)



- Red (56%)
- Yellow (79%)
- Blue (89%)



- Cyan (37%)
- Magenta (0%)
- Yellow (22%)
- Black (11%)



- Cyan (44%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EE3B1 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 8EE3B1 by changing the saturation by 10% instead.

 8EE3B1

 8EE3B1

FFFFFF

 73C796

 C6FFE9

 57AB7C

 E3FFFF

 3C9063

 1D764B

 005D34

 00451F

 002D08

 001600

 000000

 8EE3B1

 8EE3B1

 77E3A4

 A5E3BE

 61E396

 BBE3CC

 4AE389

 D2E3D9

 33E37C

 E9E3E6

 1DE36E

 FFE3F4

 06E361

 FFE3FF

 00E35D

Harmonies

Analogous

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



BBDC93



8EE3B1



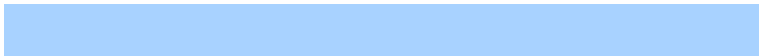
60E6D7

Triad

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



8EE3B1



A8D2FF



FFB9A7

Complementary

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



8EE3B1



E38EC0

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.



FFB4CB



8EE3B1



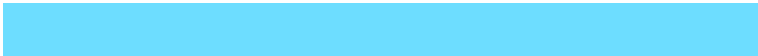
DFC5FF

Square

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



8EE3B1



6DDDFE



FFB9F1



FFC48D

Rectangle

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



8EE3B1



4BE5F1



FFB9F1



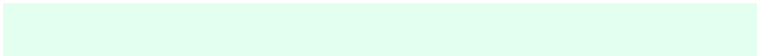
FFB6B2

Sweetspot

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



8EE3B1



E3FFEF



C1E38E



6F8076



000000



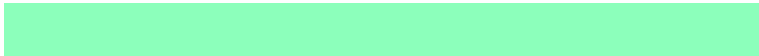
808080

Same Dimension

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



8EE3B1



8CFFBB



8EE3DA



67736C



00B349



003315

Inverse Universe

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



E38EC0



FF8CD0



E38E97



73676E



B30069



33001E

Previews

White Background



This preview shows how the Hex color 8EE3B1 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

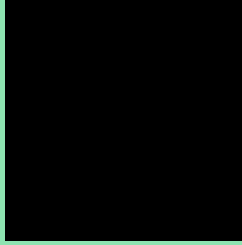
Any Text WCAG AA ✓ Pass

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 8EE3B1 Background



This preview shows how black text looks on a background with the Hex color 8EE3B1.

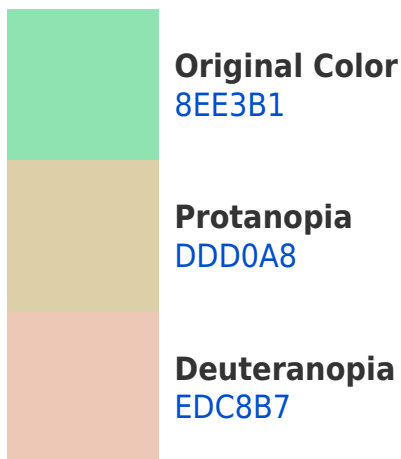


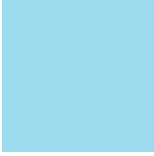
This preview shows how white text looks on a background with the Hex color 8EE3B1.

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



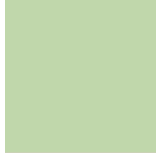


Tritanopia
9BDBED

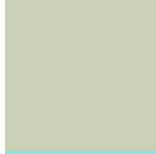
Trichromacy



Original Color
8EE3B1



Protanomaly
C0D7AB

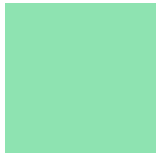


Deuteranomaly
CAD2B5

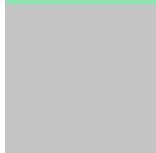


Tritanomaly
96DED7

Monochromacy



Original Color
8EE3B1



Achromatopsia
C4C4C4



Achromatomaly
B0CFBD

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EE3B1 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 #8EE3B1 looks like.

```
.text, #text, p{  
    color:#8EE3B1  
}
```

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 #8EE3B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EE3B1  
}
```

Border

The CSS property to change the border of an element to Hex 8EE3B1 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  
#8EE3B1 }
```

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

```
.border{ border-color:#8EE3B1 }
```

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

Here you see how a box with a 4 pixel #8EE3B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EE3B1; -webkit-box-shadow:4px 4px  
4px 4px #8EE3B1; box-shadow:4px 4px 4px  
4px #8EE3B1 }
```

Background

The CSS property to change the background color of an element to Hex 8EE3B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EE3B1 }
```

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

```
.background{ background-color:#8EE3B1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor