

# Converting Colors

Hex(8EE791)

Have a look what the booklet for  
Hex(8EE791) contains.

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**Color**

**Hex(8EE791)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EE791
RGB	142, 231, 145
RGB Percent	56%, 91%, 57%
CMY	0.4431, 0.0941, 0.4314
CMYK	0.39, 0.00, 0.37, 0.09
HSL	122°, 65%, 73%
HSV	122°, 39%, 91%
XYZ	44.8421, 64.9469, 36.9607
YIQ	194.5850, -25.4380, -45.6140

# Conversions

## Conversions Part 2

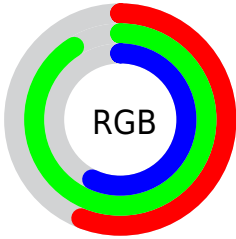
Format	Color
<a href="#">RYB</a>	<a href="#">142, 228, 231</a>
Decimal	<a href="#">9365393</a>
CIELab	<a href="#">84.46, -43.76, 33.68</a>
CIELCh	<a href="#">84, 55.223, 142.412</a>
Yxy	<a href="#">64.9469, 0.3056, 0.4426</a>
Android (android.graphics.Color)	<a href="#">4287555473 (0xFF8EE791)</a>
YUV	<a href="#">194.5850, -24.4454, -46.1170</a>
Hunter-Lab	<a href="#">80.5897, -41.7101, 29.2207</a>

# Details

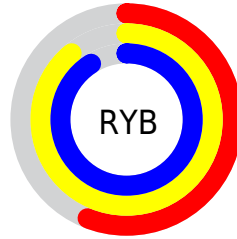
The Hex color **8EE791** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E78EE4**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **C7FFC8**, and **56AF5D** is the 20% darker color. If you saturate the color by 10%, you get **77E77B**, and if you desaturate by 10%, it is **A5E7A7**.

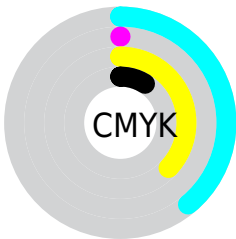
# Distribution



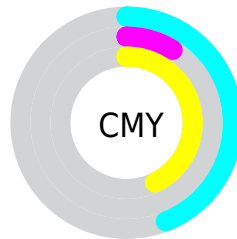
- Red (56%)
- Green (91%)
- Blue (57%)



- Red (56%)
- Yellow (89%)
- Blue (91%)



- Cyan (39%)
- Magenta (0%)
- Yellow (37%)
- Black (9%)



- Cyan (44%)
- Magenta (9%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EE791 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 8EE791 by changing the saturation by 10% instead.



 8EE791

 8EE791

FFFFFF

 72CB77

 C7FFC8

 56AF5D

 E4FFE4

 3A9445

 19792D

 006014

 004700

 003000

 001800

 000000

 8EE791

 8EE791

 77E77B

 A5E7A7

 60E764

 BCE7BE

 49E74E

 D3E7D4

 32E738

 EAE7EA

 1BE721

 FFE7FF

 03E70B

 00E708

# Harmonies

## Analogous

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



CCDC6F



8EE791



2CEDC3

# Triad

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



8EE791



59DCFF



FFAAAE

# Complementary

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



8EE791



E78EE4

# 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.



FFA9E2



8EE791



C3CAFF

# Square

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



8EE791



00E8FF



FFB6FF



FFB882

# Rectangle

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



8EE791



00EEE7



FFB6FF



FFA8BF

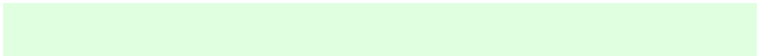


# Sweetspot

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



8EE791



E0FFE1



E4E78E



6E806E



000000



808080



# Same Dimension

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



8EE791



8AFF8E



8EE7BD



677368



00B306



003302



# Inverse Universe

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



E78EE4



FF8AFB



E78EB8



736772



B300AC

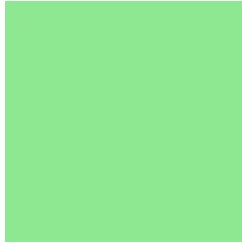


330031



# Previews

## White Background



This preview shows how the Hex color 8EE791 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 8EE791 Background



This preview shows how black text looks on a background with the Hex color 8EE791.

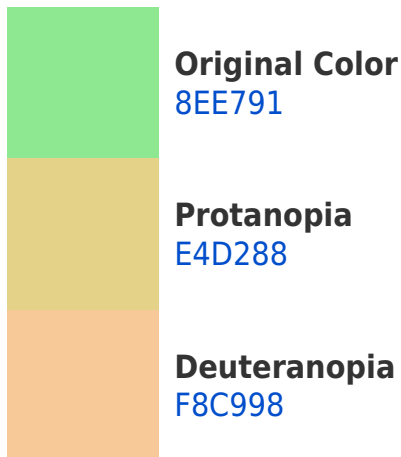


This preview shows how white text looks on a background with the Hex color 8EE791.

# 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



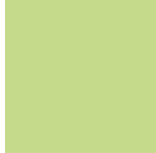


**Tritanopia**  
A0DCED

# Trichromacy



**Original Color**  
8EE791



**Protanomaly**  
C5DA8B



**Deuteranomaly**  
D1D495

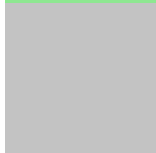


**Tritanomaly**  
99E0CC

# Monochromacy



**Original Color**  
8EE791



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
B0D0B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EE791 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 #8EE791 looks like.

```
.text, #text, p{  
    color:#8EE791  
}
```

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 #8EE791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EE791
}
```

## Border

The CSS property to change the border of an element to Hex 8EE791 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
#8EE791 }
```

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

```
.border{ border-color:#8EE791 }
```

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

Here you see how a box with a 4 pixel #8EE791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EE791; -webkit-box-shadow:4px 4px  
4px 4px #8EE791; box-shadow:4px 4px 4px  
4px #8EE791 }
```

# Background

The CSS property to change the background color of an element to Hex 8EE791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EE791 }
```

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

```
.background{ background-color:#8EE791 }
```

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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