

Converting Colors

Hex(8AEE7B)

Have a look what the booklet for
Hex(8AEE7B) contains.

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Color

Hex(8AEE7B)

Conversions

Conversions Part 1

Format	Color
Hex	8AEE7B
RGB	138, 238, 123
RGB Percent	54%, 93%, 48%
CMY	0.4588, 0.0667, 0.5176
CMYK	0.42, 0.00, 0.48, 0.07
HSL	112°, 77%, 71%
HSV	112°, 48%, 93%
XYZ	44.6309, 67.9824, 29.5085
YIQ	194.9900, -22.6850, -56.9650

Conversions

Conversions Part 2

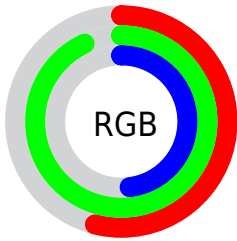
Format	Color
RYB	123, 238, 223
Decimal	9105019
CIELab	86.00, -51.02, 46.43
CIElCh	86, 68.981, 137.694
Yxy	67.9824, 0.3140, 0.4783
Android (android.graphics.Color)	4287295099 (0xFF8AEE7B)
YUV	194.9900, -35.4911, -49.9802
Hunter-Lab	82.4514, -47.6681, 36.4967

Details

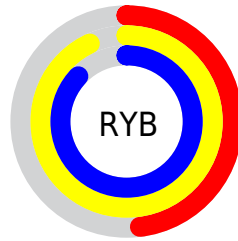
The Hex color **8AEE7B** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **DF7BEE**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **C4FFB1**, and **50B547** is the 20% darker color. If you saturate the color by 10%, you get **75EE63**, and if you desaturate by 10%, it is **9FEE93**.

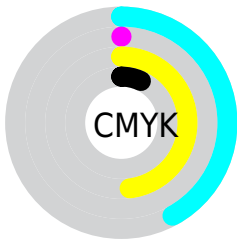
Distribution



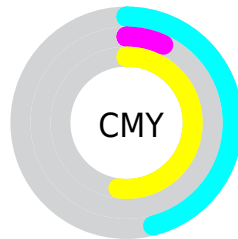
- Red (54%)
- Green (93%)
- Blue (48%)



- Red (48%)
- Yellow (93%)
- Blue (87%)



- Cyan (42%)
- Magenta (0%)
- Yellow (48%)
- Black (7%)



- Cyan (46%)
- Magenta (7%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AEE7B 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 8AEE7B by changing the saturation by 10% instead.

 8AEE7B

FFFFFF

 C4FFB1

 E1FFCD

 FFFFEA

 8AEE7B

 6DD161

 50B547

 319A2D

 007F0F

 006500

 004C00

 003500

 001D00

 000000

 8AEE7B

 8AEE7B

 75EE63

 9FEE93

 61EE4B

 B3EEAB

 4CEE34

 C8EEC2

 37EE1C

 DDEEDA

 23EE04

 F1EEF2

 1FEE00

 FFEEFF

Harmonies

Analogous

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



D6E052



8AEE7B



00F6B9

Triad

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



8AEE7B



00E6FF



FF9FB3

Complementary

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



8AEE7B



DF7BEE

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.



FFA0F5



8AEE7B



ABD1FF

Square

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



8AEE7B



00F3FF



FFB6FF



FFB179

Rectangle

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



8AEE7B



00F7E7



FFB6FF



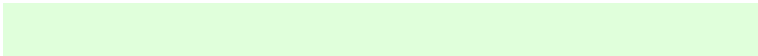
FF9DC9

Sweetspot

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



8AEE7B



E0FFDB



EEDF7B



6D806A



000000



808080

Same Dimension

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



8AEE7B



7EFF6B



7BEEA5



6D786C



18B800



073800

Inverse Universe

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



DF7BEE



EC6BFF



EE7BC4



766C78



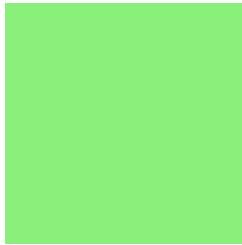
A000B8



310038

Previews

White Background



This preview shows how the Hex color 8AEE7B looks on a white background.

Color Contrast Check

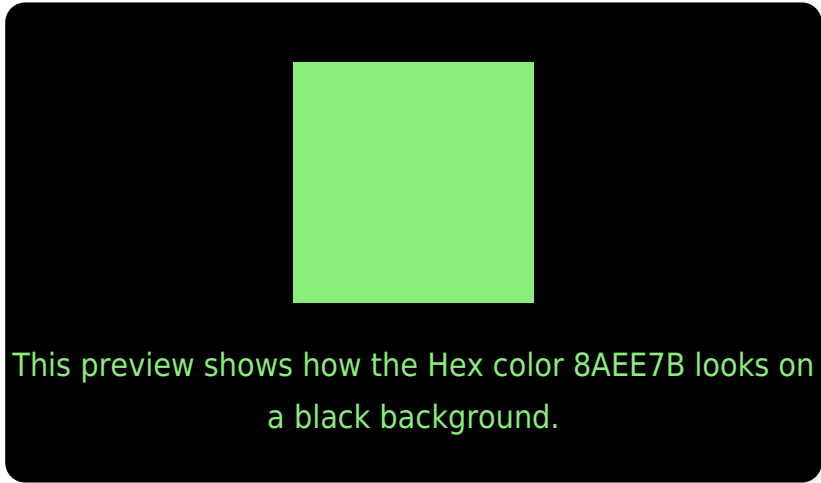
Large Text (above 18pt) WCAG AA × Fail

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

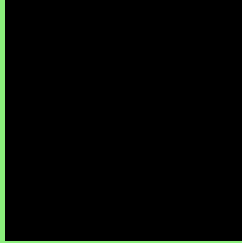
Any Text WCAG AA ✓ Pass

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 8AEE7B Background



This preview shows how black text looks on a background with the Hex color 8AEE7B.

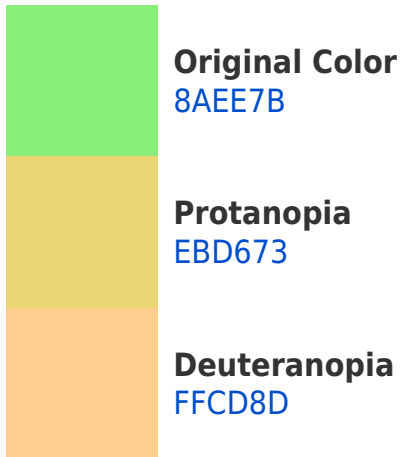


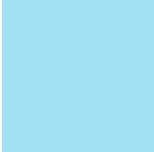
This preview shows how white text looks on a background with the Hex color 8AEE7B.

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



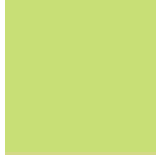


Tritanopia
A1E1F3

Trichromacy



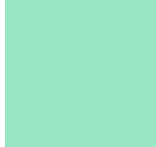
Original Color
8AEE7B



Protanomaly
C8DF76



Deuteranomaly
D4D986



Tritanomaly
99E6C7

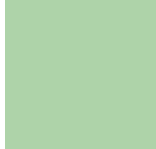
Monochromacy



Original Color
8AEE7B



Achromatopsia
C3C3C3



Achromatomaly
AED3A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AEE7B 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 #8AEE7B looks like.

```
.text, #text, p{  
    color:#8AEE7B  
}
```

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 #8AEE7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AEE7B
}
```

Border

The CSS property to change the border of an element to Hex 8AEE7B 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
#8AEE7B }
```

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

```
.border{ border-color:#8AEE7B }
```

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

Here you see how a box with a 4 pixel #8AEE7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AEE7B; -webkit-box-shadow:4px 4px  
4px 4px #8AEE7B; box-shadow:4px 4px 4px  
4px #8AEE7B }
```

Background

The CSS property to change the background color of an element to Hex 8AEE7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AEE7B }
```

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

```
.background{ background-color:#8AEE7B }
```

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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