

# Converting Colors

Hex(8AEFCC)

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

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# **Color**

**Hex(8AEFCC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AEFCC
RGB	138, 239, 204
RGB Percent	54%, 94%, 80%
CMY	0.4588, 0.0627, 0.2000
CMYK	0.42, 0.00, 0.15, 0.06
HSL	159°, 76%, 74%
HSV	159°, 42%, 94%
XYZ	52.2468, 71.4959, 68.1731
YIQ	204.8110, -48.9610, -32.2970

# Conversions

## Conversions Part 2

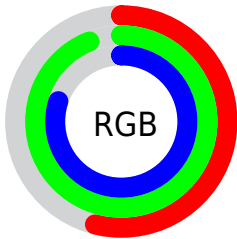
Format	Color
<a href="#">RYB</a>	<a href="#">138, 199, 239</a>
Decimal	<a href="#">9105356</a>
CIELab	<a href="#">87.73, -37.51, 7.74</a>
CIELCh	<a href="#">88, 38.297, 168.343</a>
Yxy	<a href="#">71.4959, 0.2722, 0.3725</a>
Android (android.graphics.Color)	<a href="#">4287295436 (0xFF8AEFCC)</a>
YUV	<a href="#">204.8110, -0.3998, -58.5932</a>
Hunter-Lab	<a href="#">84.5553, -37.6763, 11.3858</a>

# Details

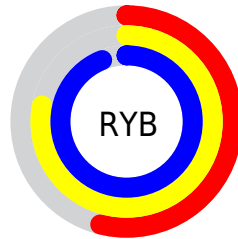
The Hex color **8AEFCC** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EF8AAD**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **C3FFFF**, and **51B696** is the 20% darker color. If you saturate the color by 10%, you get **72EFC4**, and if you desaturate by 10%, it is **A2EFD4**.

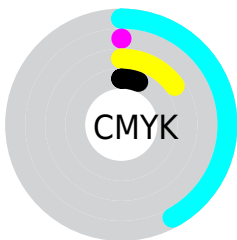
# Distribution



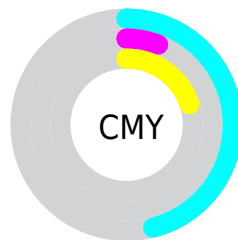
- Red (54%)
- Green (94%)
- Blue (80%)



- Red (54%)
- Yellow (78%)
- Blue (94%)



- Cyan (42%)
- Magenta (0%)
- Yellow (15%)
- Black (6%)



- Cyan (46%)
- Magenta (6%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



 8AEFCC

 8AEFCC

FFFFFF

 6ED2B1

 C3FFFF

 51B696

 E1FFFF

 329B7C

FEFFFF

 058163

 00674B

 004E35

 00371F

 002208

 000000

 8AEFCC

 8AEFCC

 72EFC4

 A2EFD4

 5AEFBB

 BAEFDD

 42EFB3

 D2EFE5

 2AEFAB

 EAEFED

 12EFA3

 FFEFF5

 00EF9C

 FFEFFE

 FFEFFF

# Harmonies

## Analogous

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



B5EAAA



8AEFCC



67F0F2

# Triad

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



8AEFCC



CDD8FF



FFC9A7

# Complementary

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



8AEFCC



EF8AAD

# 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.



FFC1C7



8AEFCC



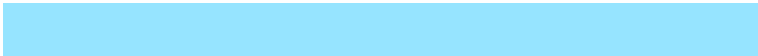
FCCBFF

# Square

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



8AEFCC



96E4FF



FFC2EC



FFD595

# Rectangle

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



8AEFCC



63EEFF



FFC2EC



FFC6B0



# Sweetspot

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



8AEFCC



DEFFF4



ADEF8A



6B8078



000000



808080



# Same Dimension

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



8AEFCC



7DFFD2



8AE0EF



6C7874



00B878



003825



# Inverse Universe

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



EF8AAD



FF7DAA



EF998A



786C70



B80040

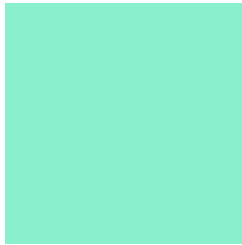


380013



# Previews

## White Background



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

## Color Contrast Check

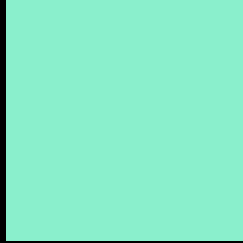
Large Text (above 18pt) WCAG AA × Fail

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 8AEFCC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

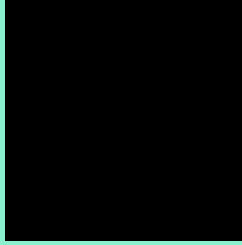
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8AEFCC Background



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

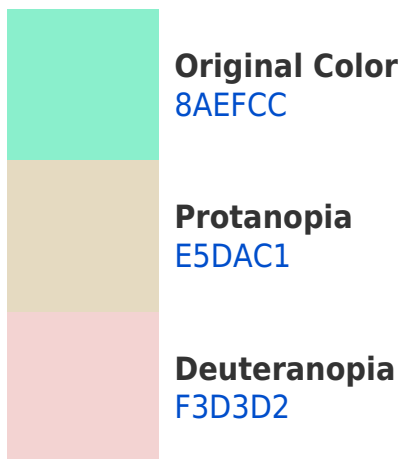


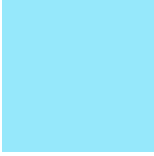
This preview shows how white text looks on a background with the Hex color 8AEFCC.

# 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



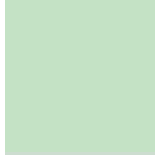


**Tritanopia**  
96E8FB

# Trichromacy



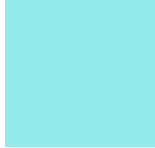
**Original Color**  
8AEFCC



**Protanomaly**  
C4E2C5



**Deuteranomaly**  
CDDDD0



**Tritanomaly**  
92EBEA

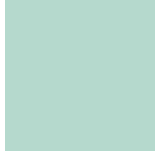
# Monochromacy



**Original Color**  
8AEFCC



**Achromatopsia**  
CDCDCD



**Achromatomaly**  
B5D9CD

# CSS Examples

## Text

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

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

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 #8AEFCC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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