

Converting Colors

Hex(8AF9E3)

Have a look what the booklet for
Hex(8AF9E3) contains.

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Color

Hex(8AF9E3)

Conversions

Conversions Part 1

Format	Color
Hex	8AF9E3
RGB	138, 249, 227
RGB Percent	54%, 98%, 89%
CMY	0.4588, 0.0235, 0.1098
CMYK	0.45, 0.00, 0.09, 0.02
HSL	168°, 90%, 76%
HSV	168°, 45%, 98%
XYZ	58.2220, 78.7007, 84.7952
YIQ	213.3030, -59.0940, -30.3740

Conversions

Conversions Part 2

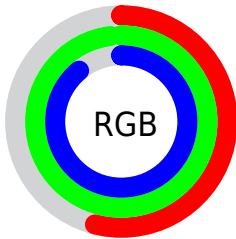
Format	Color
R_{YB}	138, 200, 249
Decimal	9107939
CIE _{Lab}	91.10, -36.99, 0.65
CIE _{LCh}	91, 36.999, 178.999
Yxy	78.7007, 0.2626, 0.3550
Android (android.graphics.Color)	4287298019 (0xFF8AF9E3)
YUV	213.3030, 6.7526, -66.0407
Hunter-Lab	88.7134, -38.1001, 5.4281

Details

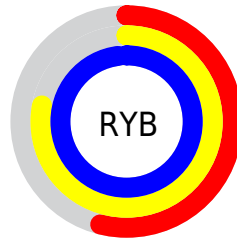
The Hex color **8AF9E3** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F98AA0**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **C4FFFF**, and **4FC0AC** is the 20% darker color. If you saturate the color by 10%, you get **71F9DE**, and if you desaturate by 10%, it is **A3F9E8**.

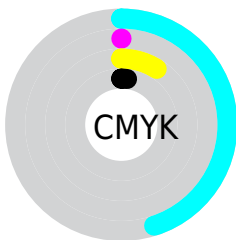
Distribution



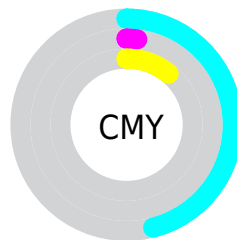
- Red (54%)
- Green (98%)
- Blue (89%)



- Red (54%)
- Yellow (78%)
- Blue (98%)



- Cyan (45%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)



- Cyan (46%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AF9E3 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 8AF9E3 by changing the saturation by 10% instead.

 8AF9E3

 8AF9E3

FFFFFF

 6DDCC7

 C4FFFF

 4FC0AC

 E2FFFF

 2DA591

 008A78

 00705F

 005747

 003F31

 00291C

 000802

 8AF9E3

 8AF9E3

 71F9DE

 A3F9E8

 58F9D9

 BCF9ED

 3FF9D4

 D5F9F2

 26F9CF

 EEF9F7

 0DF9CA

 FFF9FC

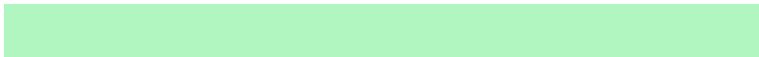
 00F9C8

 FFF9FF

Harmonies

Analogous

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



B1F5C0



8AF9E3



74F8FF

Triad

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



8AF9E3



E9DDFF



FFD7AA

Complementary

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



8AF9E3



F98AA0

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.



FFCEC5



8AF9E3



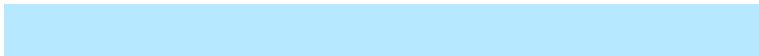
FFD1FF

Square

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



8AF9E3



B6E9FF



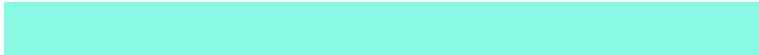
FFCBE8



FFE39F

Rectangle

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



8AF9E3



7BF5FF



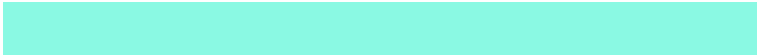
FFCBE8



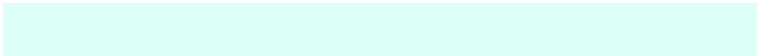
FFD3B1

Sweetspot

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



8AF9E3



DEFFF8



A0F98A



6B807B



000000



808080

Same Dimension

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



8AF9E3



78FFE4



8AD8F9



707D7A



00BD97



003D31

Inverse Universe

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



F98AA0



FF7893



F9AB8A



7D7073



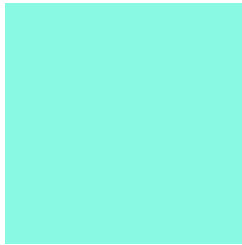
BD0025



3D000C

Previews

White Background



This preview shows how the Hex color 8AF9E3 looks on a white background.

Color Contrast Check

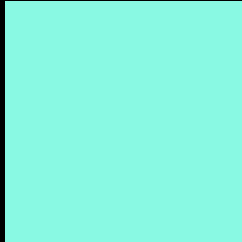
Large Text (above 18pt) WCAG AA × Fail

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 8AF9E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

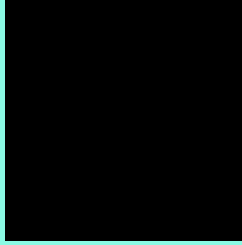
Any Text WCAG AA ✓ Pass

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 8AF9E3 Background



This preview shows how black text looks on a background with the Hex color 8AF9E3.

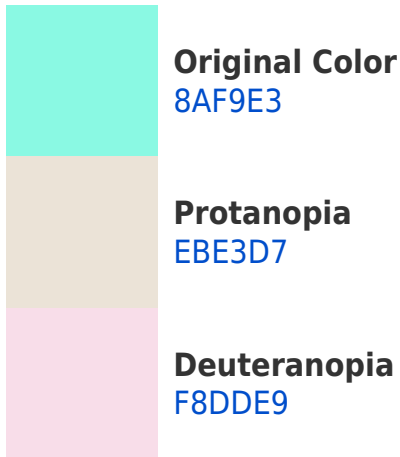


This preview shows how white text looks on a background with the Hex color 8AF9E3.

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](#).

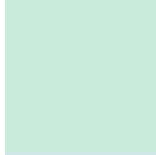
Dichromacy



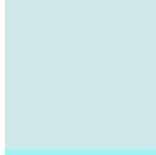
Trichromacy



Original Color
8AF9E3



Protanomaly
C8EBDB



Deuteranomaly
D0E7E7

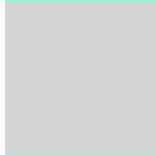


Tritanomaly
A0F3F5

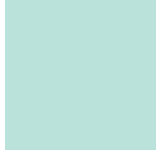
Monochromacy



Original Color
8AF9E3



Achromatopsia
D5D5D5



Achromatomaly
BAE2DA

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AF9E3 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 #8AF9E3 looks like.

```
.text, #text, p{  
    color:#8AF9E3  
}
```

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 #8AF9E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AF9E3
}
```

Border

The CSS property to change the border of an element to Hex 8AF9E3 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
#8AF9E3 }
```

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

```
.border{ border-color:#8AF9E3 }
```

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

Here you see how a box with a 4 pixel #8AF9E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AF9E3; -webkit-box-shadow:4px 4px  
4px 4px #8AF9E3; box-shadow:4px 4px 4px  
4px #8AF9E3 }
```

Background

The CSS property to change the background color of an element to Hex 8AF9E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AF9E3 }
```

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

```
.background{ background-color:#8AF9E3 }
```

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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