

# Converting Colors

Hex(8AF8E1)

Have a look what the booklet for  
Hex(8AF8E1) contains.

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# Color

**Hex(8AF8E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AF8E1
RGB	138, 248, 225
RGB Percent	54%, 97%, 88%
CMY	0.4588, 0.0275, 0.1176
CMYK	0.44, 0.00, 0.09, 0.03
HSL	167°, 89%, 76%
HSV	167°, 44%, 97%
XYZ	57.6392, 77.9743, 83.2468
YIQ	212.4880, -58.1770, -30.4730

# Conversions

## Conversions Part 2

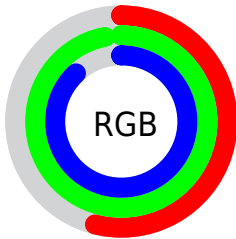
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 199, 248
Decimal	9107681
CIELab	90.77, -36.99, 1.20
CIElCh	91, 37.010, 178.137
Yxy	77.9743, 0.2634, 0.3563
Android (android.graphics.Color)	4287297761 (0xFF8AF8E1)
YUV	212.4880, 6.1684, -65.3260
Hunter-Lab	88.3031, -38.0157, 5.9171

# Details

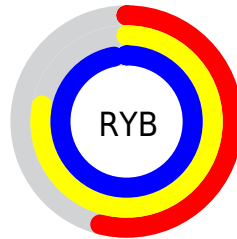
The Hex color **8AF8E1** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F88AA1**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **C4FFFF**, and **4FBFAA** is the 20% darker color. If you saturate the color by 10%, you get **71F8DC**, and if you desaturate by 10%, it is **A3F8E6**.

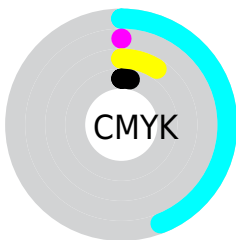
# Distribution



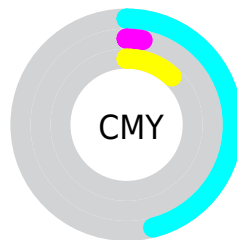
- Red (54%)
- Green (97%)
- Blue (88%)



- Red (54%)
- Yellow (78%)
- Blue (97%)



- Cyan (44%)
- Magenta (0%)
- Yellow (9%)
- Black (3%)



- Cyan (46%)
- Magenta (3%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8AF8E1 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 8AF8E1 by changing the saturation by 10% instead.



 8AF8E1

FFFFFF

 C4FFFF

 E2FFFF

 8AF8E1

 6DDBC5

 4FBFAA

 2EA48F

 008976

 006F5D

 005646

 003E2F

 00281B

 000500

 8AF8E1

 8AF8E1

 71F8DC

 A3F8E6

 58F8D7

 BCF8EB

 40F8D1

 D4F8F1

 27F8CC

 EDF8F6

 0EF8C7

 FFF8FB

 00F8C4

 FFF8FF

# Harmonies

## Analogous

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



B1F4BE



8AF8E1



73F7FF

# Triad

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



8AF8E1



E7DCFF



FFD6AA

# Complementary

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



8AF8E1



F88AA1

# 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.



FFCC5



8AF8E1



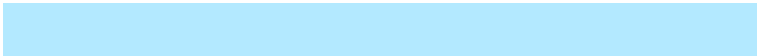
FFD1FF

# Square

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



8AF8E1



B3E9FF



FFCAE8



FFE29E

# Rectangle

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



8AF8E1



7AF4FF



FFCAE8



FFD2B1

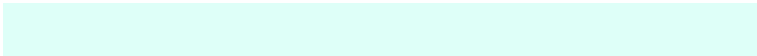


# Sweetspot

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



8AF8E1



DEFFF8



A2F88A



6B807B



000000

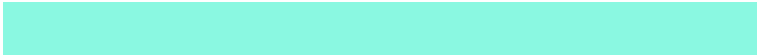


808080

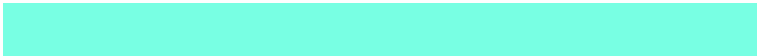


# Same Dimension

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



8AF8E1



78FFE3



8AD9F8



707D7A



00BD95



003D30



# Inverse Universe

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



F88AA1



FF7894



F8A98A



7D7073



BD0027

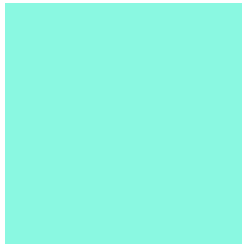


3D000D



# Previews

## White Background



This preview shows how the Hex color 8AF8E1 looks on a white background.

## Color Contrast Check

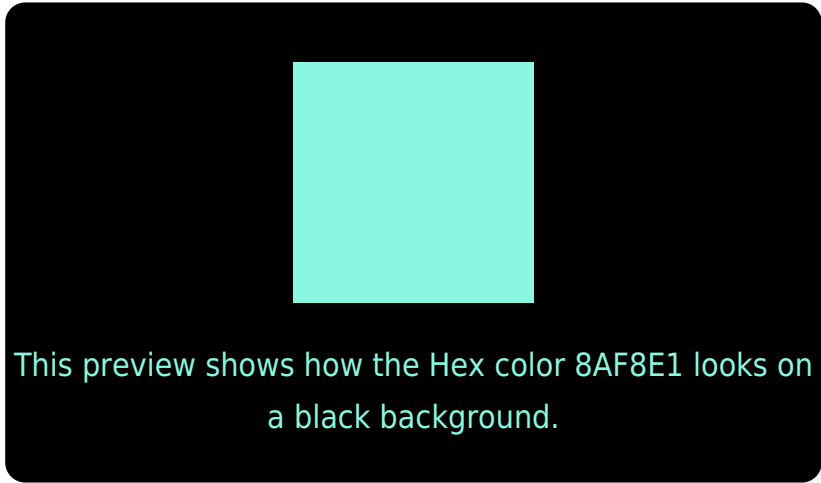
Large Text (above 18pt) WCAG AA × Fail

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

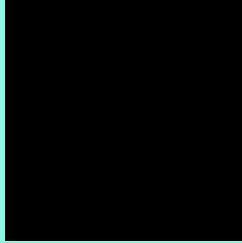
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8AF8E1 Background



This preview shows how black text looks on a background with the Hex color 8AF8E1.



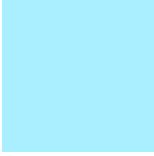
This preview shows how white text looks on a background with the Hex color 8AF8E1.

# 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**  
A9EFFF

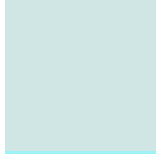
# Trichromacy



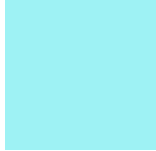
**Original Color**  
8AF8E1



**Protanomaly**  
C8EAD9

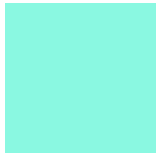


**Deuteranomaly**  
CFE6E5

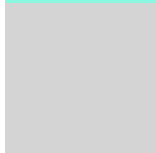


**Tritanomaly**  
9EF2F4

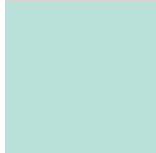
# Monochromacy



**Original Color**  
8AF8E1



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
B9E1D9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8AF8E1 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 #8AF8E1 looks like.

```
.text, #text, p{  
    color:#8AF8E1  
}
```

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 #8AF8E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AF8E1  
}
```

## Border

The CSS property to change the border of an element to Hex 8AF8E1 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  
#8AF8E1 }
```

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

```
.border{ border-color:#8AF8E1 }
```

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

Here you see how a box with a 4 pixel #8AF8E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AF8E1; -webkit-box-shadow:4px 4px  
4px 4px #8AF8E1; box-shadow:4px 4px 4px  
4px #8AF8E1 }
```

# Background

The CSS property to change the background color of an element to Hex 8AF8E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AF8E1 }
```

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

```
.background{ background-color:#8AF8E1 }
```

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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