

Converting Colors

Hex(8AF4C7)

Have a look what the booklet for
Hex(8AF4C7) contains.

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Color

Hex(8AF4C7)

Conversions

Conversions Part 1

Format	Color
Hex	8AF4C7
RGB	138, 244, 199
RGB Percent	54%, 96%, 78%
CMY	0.4588, 0.0431, 0.2196
CMYK	0.43, 0.00, 0.18, 0.04
HSL	155°, 83%, 75%
HSV	155°, 43%, 96%
XYZ	53.1407, 74.2282, 65.5595
YIQ	207.1760, -48.7310, -36.4670

Conversions

Conversions Part 2

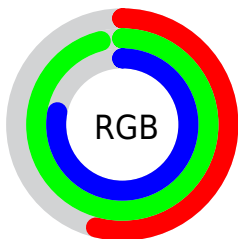
Format	Color
RYB	138, 205, 244
Decimal	9106631
CIELab	89.03, -40.81, 12.20
CIELCh	89, 42.594, 163.352
Yxy	74.2282, 0.2754, 0.3847
Android (android.graphics.Color)	4287296711 (0xFF8AF4C7)
YUV	207.1760, -4.0308, -60.6674
Hunter-Lab	86.1558, -40.6741, 15.1928

Details

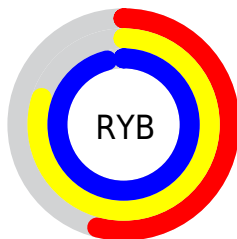
The Hex color **8AF4C7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F48AB7**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **C4FFFF**, and **50BB91** is the 20% darker color. If you saturate the color by 10%, you get **72F4BD**, and if you desaturate by 10%, it is **A2F4D1**.

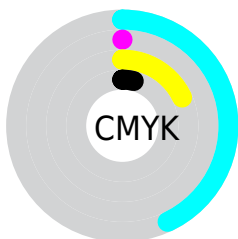
Distribution



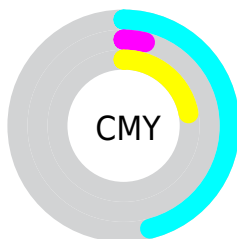
- Red (54%)
- Green (96%)
- Blue (78%)



- Red (54%)
- Yellow (80%)
- Blue (96%)



- Cyan (43%)
- Magenta (0%)
- Yellow (18%)
- Black (4%)



- Cyan (46%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8AF4C7 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 8AF4C7 by changing the saturation by 10% instead.

 8AF4C7

 8AF4C7

FFFFFF

 6DD7AC

 C4FFFF

 50BB91

 E1FFFF

 31A077

 00855F

 006B47

 005230

 003A1B

 002601

 000000

 8AF4C7

 8AF4C7

 72F4BD

 A2F4D1

 59F4B2

 BBF4DC

 41F4A8

 D3F4E6

 28F49E

 ECF4F0

 10F493

 FFF4FB

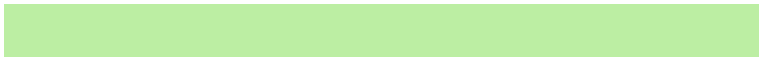
 00F48C

 FFF4FF

Harmonies

Analogous

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



BCEE A3



8AF4 C7



59F6 F1

Triad

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



8AF4C7



C4DDFF



FFC8AA

Complementary

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



8AF4C7



F48AB7

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.



FFC1CF



8AF4C7



FCCFFF

Square

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



8AF4C7



82EAFF



FFC3F8



FFD592

Rectangle

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



8AF4C7



49F4FF



FFC3F8



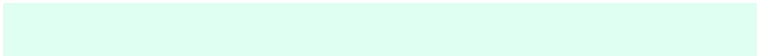
FFC5B5

Sweetspot

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



8AF4C7



DEFFF1



B8F48A



6B8077



000000



808080

Same Dimension

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



8AF4C7



7AFFC7



8AEDF4



6E7A75



00BA6B



003B22

Inverse Universe

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



F48AB7



FF7AB3



F4918A



7A6E73



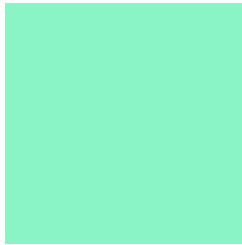
BA004F



3B0019

Previews

White Background



This preview shows how the Hex color 8AF4C7 looks on a white background.

Color Contrast Check

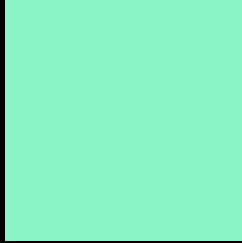
Large Text (above 18pt) WCAG AA × Fail

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 8AF4C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

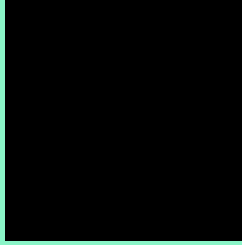
Any Text WCAG AA ✓ Pass

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 8AF4C7 Background



This preview shows how black text looks on a background with the Hex color 8AF4C7.

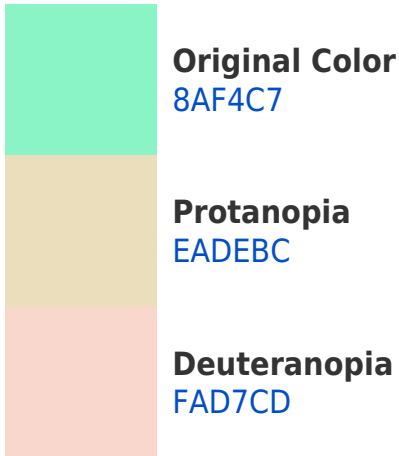


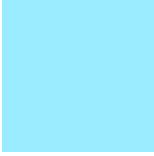
This preview shows how white text looks on a background with the Hex color 8AF4C7.

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



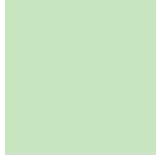


Tritanopia
99ECFF

Trichromacy



Original Color
8AF4C7



Protanomaly
C7E6C0



Deuteranomaly
D1E2CB

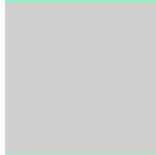


Tritanomaly
94EFEB

Monochromacy



Original Color
8AF4C7



Achromatopsia
CFCFCF



Achromatomaly
B6DCCC

CSS Examples

Text

The CSS property to change the color of the text to Hex 8AF4C7 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 #8AF4C7 looks like.

```
.text, #text, p{  
    color:#8AF4C7  
}
```

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 #8AF4C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8AF4C7
}
```

Border

The CSS property to change the border of an element to Hex 8AF4C7 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
#8AF4C7 }
```

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

```
.border{ border-color:#8AF4C7 }
```

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

Here you see how a box with a 4 pixel #8AF4C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8AF4C7; -webkit-box-shadow:4px 4px  
4px 4px #8AF4C7; box-shadow:4px 4px 4px  
4px #8AF4C7 }
```

Background

The CSS property to change the background color of an element to Hex 8AF4C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8AF4C7 }
```

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

```
.background{ background-color:#8AF4C7 }
```

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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