

Converting Colors

Hex(8CF0B7)

Have a look what the booklet for
Hex(8CF0B7) contains.

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Color

Hex(8CF0B7)

Conversions

Conversions Part 1

Format	Color
Hex	8CF0B7
RGB	140, 240, 183
RGB Percent	55%, 94%, 72%
CMY	0.4510, 0.0588, 0.2824
CMYK	0.42, 0.00, 0.24, 0.06
HSL	146°, 77%, 75%
HSV	146°, 42%, 94%
XYZ	50.5225, 71.3145, 55.9020
YIQ	203.6020, -41.3030, -38.9270

Conversions

Conversions Part 2

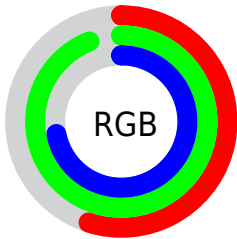
Format	Color
RYB	140, 210, 240
Decimal	9236663
CIELab	87.64, -41.69, 18.54
CIELCh	88, 45.622, 156.024
Yxy	71.3145, 0.2843, 0.4012
Android (android.graphics.Color)	4287426743 (0xFF8CF0B7)
YUV	203.6020, -10.1568, -55.7790
Hunter-Lab	84.4479, -40.9929, 19.8653

Details

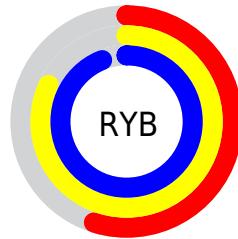
The Hex color **8CF0B7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F08CC5**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **C5FFEF**, and **54B782** is the 20% darker color. If you saturate the color by 10%, you get **74F0A9**, and if you desaturate by 10%, it is **A4F0C5**.

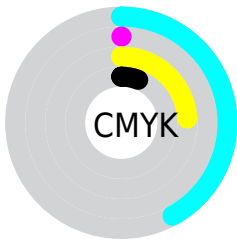
Distribution



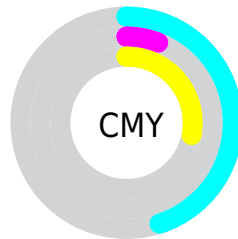
- Red (55%)
- Green (94%)
- Blue (72%)



- Red (55%)
- Yellow (82%)
- Blue (94%)



- Cyan (42%)
- Magenta (0%)
- Yellow (24%)
- Black (6%)



- Cyan (45%)
- Magenta (6%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CF0B7 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 8CF0B7 by changing the saturation by 10% instead.

 8CF0B7

 8CF0B7

FFFFFF

 70D39C

 C5FFEF

 54B782

 E2FFFF

 369C69

 0F8150

 006839

 004F23

 00370E

 002200

 000000

 8CF0B7

 8CF0B7

 74F0A9

 A4F0C5

 5CF09C

 BCF0D2

 44F08E

 D4F0E0

 2CF080

 ECF0EE

 14F073

 FFF0FB

 00F067

 FFF0FF

Harmonies

Analogous

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



C1E894



8CF0B7



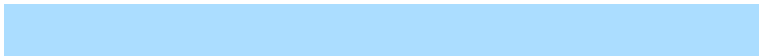
4FF3E3

Triad

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



8CF0B7



ABDDFF



FFC0AB

Complementary

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



8CF0B7



F08CC5

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.



FFBAD4



8CF0B7



ECCDFE

Square

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



8CF0B7



5EEAFF



FFBFFF



FFCD8D

Rectangle

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



8CF0B7



23F2FF



FFBFFF



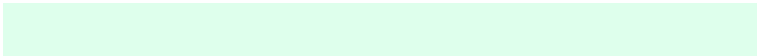
FFBCB8

Sweetspot

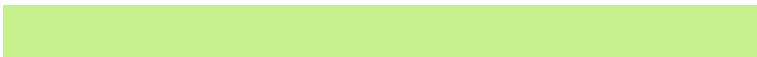
The Sweet Spot groups the original color and five complimentary colors.



8CF0B7



DEFFEC



C6F08C



6B8074



000000



808080

Same Dimension

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



8CF0B7



80FFB6



8CF0E8



6C7871



00B84F



003818

Inverse Universe

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



F08CC5



FF80C8



F08C94



786C73



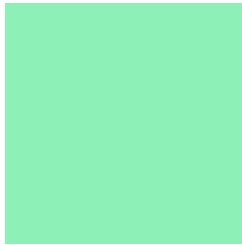
B80069



380020

Previews

White Background



This preview shows how the Hex color 8CF0B7 looks on a white background.

Color Contrast Check

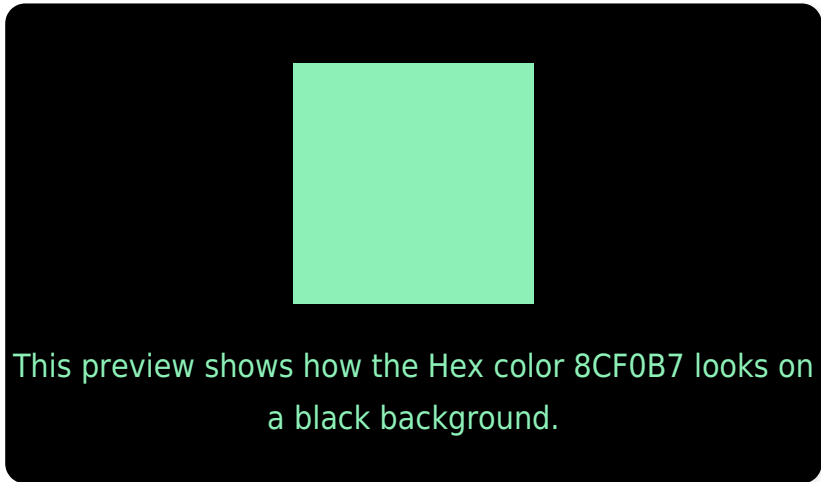
Large Text (above 18pt) WCAG AA × Fail

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

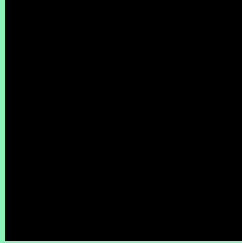
Any Text WCAG AA ✓ Pass

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 8CF0B7 Background



This preview shows how black text looks on a background with the Hex color 8CF0B7.

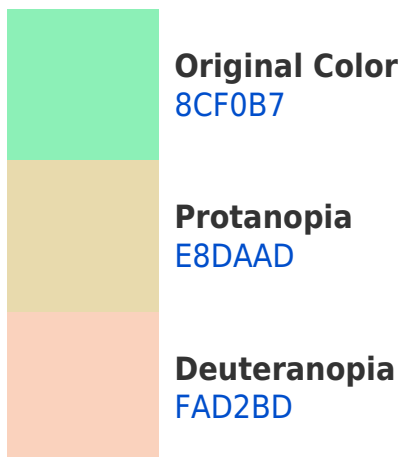


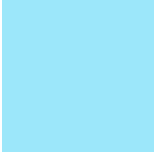
This preview shows how white text looks on a background with the Hex color 8CF0B7.

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
9CE7FA

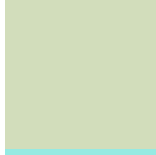
Trichromacy



Original Color
8CF0B7



Protanomaly
C7E2B1



Deuteranomaly
D2DDBB

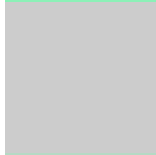


Tritanomaly
96EAE2

Monochromacy



Original Color
8CF0B7



Achromatopsia
CCCCCC



Achromatomaly
B5D9C4

CSS Examples

Text

The CSS property to change the color of the text to Hex 8CF0B7 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 #8CF0B7 looks like.

```
.text, #text, p{  
    color:#8CF0B7  
}
```

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 #8CF0B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CF0B7  
}
```

Border

The CSS property to change the border of an element to Hex 8CF0B7 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  
#8CF0B7 }
```

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

```
.border{ border-color:#8CF0B7 }
```

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

Here you see how a box with a 4 pixel #8CF0B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CF0B7; -webkit-box-shadow:4px 4px  
4px 4px #8CF0B7; box-shadow:4px 4px 4px  
4px #8CF0B7 }
```

Background

The CSS property to change the background color of an element to Hex 8CF0B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CF0B7 }
```

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

```
.background{ background-color:#8CF0B7 }
```

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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