

Converting Colors

Hex(8CF2D3)

Have a look what the booklet for
Hex(8CF2D3) contains.

Hex(8CF2D3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8CF2D3)

Conversions

Conversions Part 1

Format	Color
Hex	8CF2D3
RGB	140, 242, 211
RGB Percent	55%, 95%, 83%
CMY	0.4510, 0.0510, 0.1725
CMYK	0.42, 0.00, 0.13, 0.05
HSL	162°, 80%, 75%
HSV	162°, 42%, 95%
XYZ	54.3252, 73.7829, 73.0063
YIQ	207.9680, -50.8410, -31.2650

Conversions

Conversions Part 2

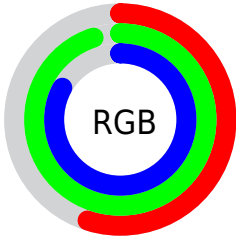
Format	Color
RYB	140, 200, 242
Decimal	9237203
CIELab	88.82, -36.86, 5.67
CIELCh	89, 37.298, 171.251
Yxy	73.7829, 0.2701, 0.3669
Android (android.graphics.Color)	4287427283 (0xFF8CF2D3)
YUV	207.9680, 1.4948, -59.6079
Hunter-Lab	85.8969, -37.4280, 9.7356

Details

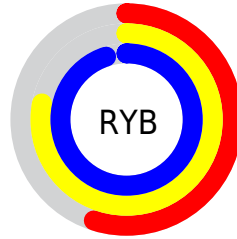
The Hex color **8CF2D3** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F28CAB**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **C6FFFF**, and **53B99D** is the 20% darker color. If you saturate the color by 10%, you get **74F2CC**, and if you desaturate by 10%, it is **A4F2DA**.

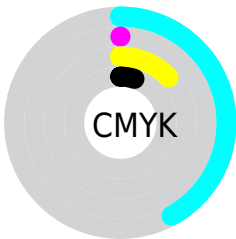
Distribution



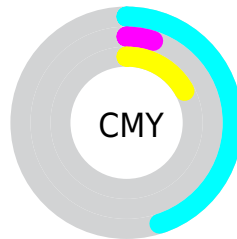
- Red (55%)
- Green (95%)
- Blue (83%)



- Red (55%)
- Yellow (78%)
- Blue (95%)



- Cyan (42%)
- Magenta (0%)
- Yellow (13%)
- Black (5%)



- Cyan (45%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CF2D3 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 8CF2D3 by changing the saturation by 10% instead.

 8CF2D3

 8CF2D3

FFFFFF

 70D5B7

 C6FFFF

 53B99D

 E3FFFF

 349E82

 088469

 006A51

 00513A

 003925

 002510

 000000

 8CF2D3

 8CF2D3

 74F2CC

 A4F2DA

 5CF2C4

 BCF2E2

 43F2BD

 D5F2E9

 2BF2B6

 EDF2F0

 13F2AE

 FFF2F8

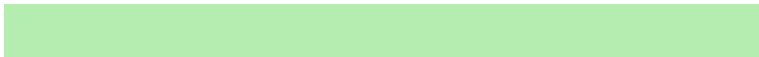
 00F2A8

 FFF2FF

Harmonies

Analogous

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



B5EDB1



8CF2D3



6EF2F8

Triad

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



8CF2D3



D6DAFF



FFCDA9

Complementary

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



8CF2D3



F28CAB

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.



FFC6C7



8CF2D3



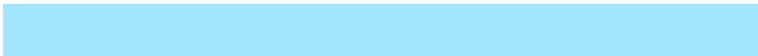
FFCDFF

Square

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



8CF2D3



A1E6FF



FFC5EB



FFD999

Rectangle

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



8CF2D3



6DF0FF



FFC5EB



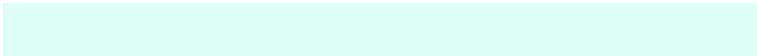
FFCAB2

Sweetspot

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



8CF2D3



DEFFF5



ACF28C



6B8079



000000



808080

Same Dimension

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



8CF2D3



7DFFD7



8CDFF2



6C7874



00B880



003827

Inverse Universe

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



F28CAB



FF7DA4



F29F8C



786C70



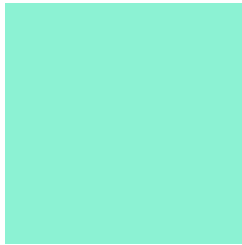
B80038



380011

Previews

White Background



This preview shows how the Hex color 8CF2D3 looks on a white background.

Color Contrast Check

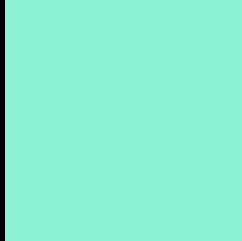
Large Text (above 18pt) WCAG AA × Fail

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 8CF2D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

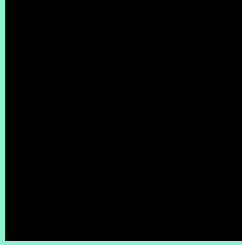
Any Text WCAG AA ✓ Pass

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 8CF2D3 Background



This preview shows how black text looks on a background with the Hex color 8CF2D3.

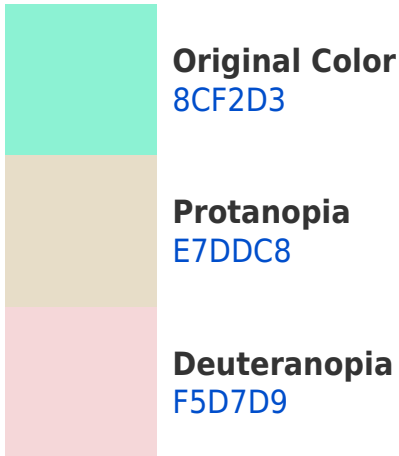


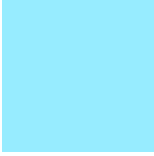
This preview shows how white text looks on a background with the Hex color 8CF2D3.

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
97ECFF

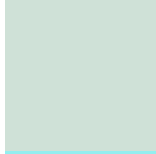
Trichromacy



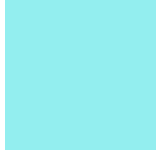
Original Color
8CF2D3



Protanomaly
C6E5CC

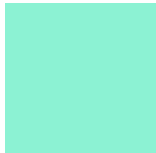


Deuteranomaly
CFE1D7

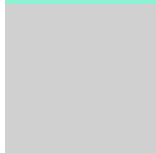


Tritanomaly
93EEEF

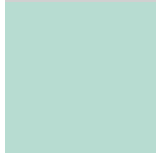
Monochromacy



Original Color
8CF2D3



Achromatopsia
D0D0D0



Achromatomaly
B7DCD1

CSS Examples

Text

The CSS property to change the color of the text to Hex 8CF2D3 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 #8CF2D3 looks like.

```
.text, #text, p{  
    color:#8CF2D3  
}
```

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 #8CF2D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CF2D3
}
```

Border

The CSS property to change the border of an element to Hex 8CF2D3 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
#8CF2D3 }
```

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

```
.border{ border-color:#8CF2D3 }
```

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

Here you see how a box with a 4 pixel #8CF2D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CF2D3; -webkit-box-shadow:4px 4px  
4px 4px #8CF2D3; box-shadow:4px 4px 4px  
4px #8CF2D3 }
```

Background

The CSS property to change the background color of an element to Hex 8CF2D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CF2D3 }
```

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

```
.background{ background-color:#8CF2D3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor