

Converting Colors

Hex(84FCF3)

Have a look what the booklet for
Hex(84FCF3) contains.

Hex(84FCF3)	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(84FCF3)

Conversions

Conversions Part 1

Format	Color
Hex	84FCF3
RGB	132, 252, 243
RGB Percent	52%, 99%, 95%
CMY	0.4824, 0.0118, 0.0471
CMYK	0.48, 0.00, 0.04, 0.01
HSL	176°, 95%, 75%
HSV	176°, 48%, 99%
XYZ	60.5038, 80.9974, 97.2392
YIQ	215.0940, -68.6310, -28.2390

Conversions

Conversions Part 2

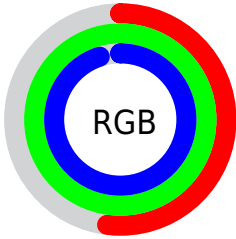
Format	Color
RYB	132, 194, 252
Decimal	8715507
CIELab	92.13, -35.96, -6.17
CIELCh	92, 36.490, 189.732
Yxy	80.9974, 0.2534, 0.3393
Android (android.graphics.Color)	4286905587 (0xFF84FCF3)
YUV	215.0940, 13.7577, -72.8734
Hunter-Lab	89.9986, -37.4964, -1.0611

Details

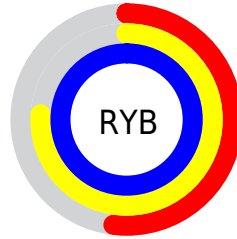
The Hex color **84FCF3** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FC848D**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **C0FFFF**, and **45C3BB** is the 20% darker color. If you saturate the color by 10%, you get **6BFCF1**, and if you desaturate by 10%, it is **9DFCF5**.

Distribution



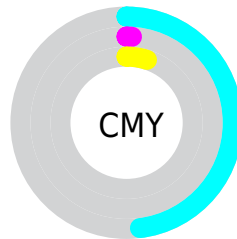
- Red (52%)
- Green (99%)
- Blue (95%)



- Red (52%)
- Yellow (76%)
- Blue (99%)



- Cyan (48%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)



- Cyan (48%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84FCF3 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 84FCF3 by changing the saturation by 10% instead.

 84FCF3

FFFFFF

 C0FFFF

 DEFFFF

 FCFFFF

 84FCF3

 66DFD7

 45C3BB

 1BA7A0

 008D86

 00736D

 005954

 00413D

 002B28

 000F14

 84FCF3

 84FCF3

 6BFCF1

 9DFCF5

 52FCEF

 B6FCF7

 38FCED

 D0FCF9

 1FFCEB

 E9FCFB

 06FCEA

 FFFCFC

 00FCE9

 FFFCFE

 FFFCFF

Harmonies

Analogous

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



A6FACF



84FCF3



7BFAFF

Triad

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



84FCF3



FCDBFF



FFDEA7

Complementary

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



84FCF3



FC848D

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.



FFD4BD



84FCF3



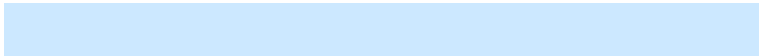
FFD2FF

Square

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



84FCF3



CCE8FF



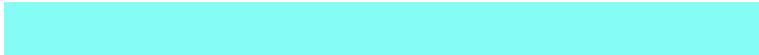
FFCEDE



F6EAA3

Rectangle

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



84FCF3



8CF5FF



FFCEDE



FFDAAD

Sweetspot

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



84FCF3



DBFFFC



8EFC84



6A807E



000000



808080

Same Dimension

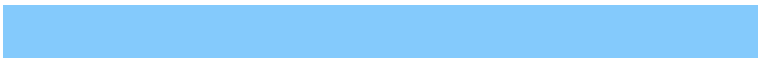
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84FCF3



6EFFF4



84CAFC



707D7C



00BDAF



003D39

Inverse Universe

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



FC848D



FF6E79



FCB684



7D7071



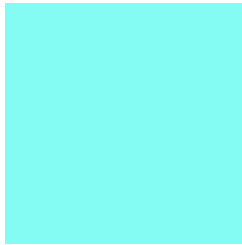
BD000E



3D0005

Previews

White Background



This preview shows how the Hex color 84FCF3 looks on a white background.

Color Contrast Check

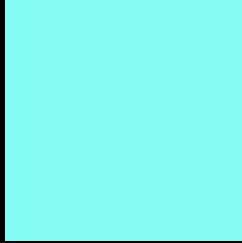
Large Text (above 18pt) WCAG AA × Fail

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 84FCF3 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 84FCF3 Background



This preview shows how black text looks on a background with the Hex color 84FCF3.

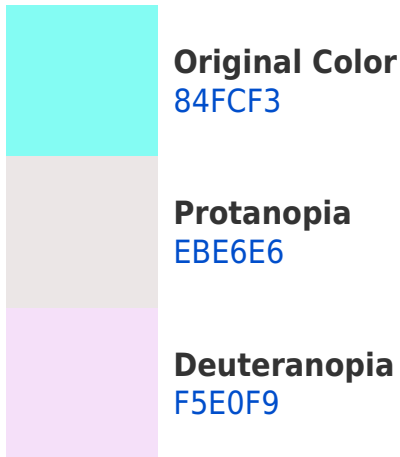


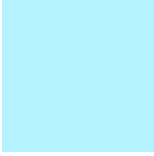
This preview shows how white text looks on a background with the Hex color 84FCF3.

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
B5F2FF

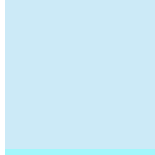
Trichromacy



Original Color
84FCF3



Protanomaly
C6EEEB



Deuteranomaly
CCEAF7

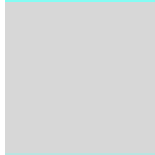


Tritanomaly
A3F6FB

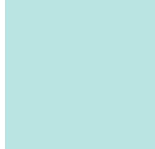
Monochromacy



Original Color
84FCF3



Achromatopsia
D7D7D7



Achromatomaly
B9E4E1

CSS Examples

Text

The CSS property to change the color of the text to Hex 84FCF3 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 #84FCF3 looks like.

```
.text, #text, p{  
    color:#84FCF3  
}
```

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 #84FCF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84FCF3  
}
```

Border

The CSS property to change the border of an element to Hex 84FCF3 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  
#84FCF3 }
```

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

```
.border{ border-color:#84FCF3 }
```

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

Here you see how a box with a 4 pixel #84FCF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84FCF3; -webkit-box-shadow:4px 4px  
4px 4px #84FCF3; box-shadow:4px 4px 4px  
4px #84FCF3 }
```

Background

The CSS property to change the background color of an element to Hex 84FCF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84FCF3 }
```

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

```
.background{ background-color:#84FCF3 }
```

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