

Converting Colors

Hex(84D3F3)

Have a look what the booklet for
Hex(84D3F3) contains.

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Color

Hex(84D3F3)

Conversions

Conversions Part 1

Format	Color
Hex	84D3F3
RGB	132, 211, 243
RGB Percent	52%, 83%, 95%
CMY	0.4824, 0.1725, 0.0471
CMYK	0.46, 0.13, 0.00, 0.05
HSL	197°, 82%, 74%
HSV	197°, 46%, 95%
XYZ	48.9876, 57.9651, 93.4005
YIQ	191.0270, -57.3560, -6.7960

Conversions

Conversions Part 2

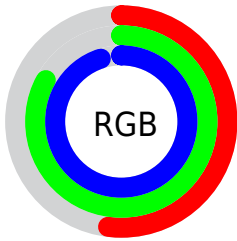
Format	Color
R _Y B	132, 178, 243
Decimal	8705011
CIE Lab	80.72, -16.01, -23.27
CIE LCh	81, 28.249, 235.478
Yxy	57.9651, 0.2445, 0.2893
Android (android.graphics.Color)	4286895091 (0xFF84D3F3)
YUV	191.0270, 25.6227, -51.7667
Hunter-Lab	76.1348, -18.3832, -19.4412

Details

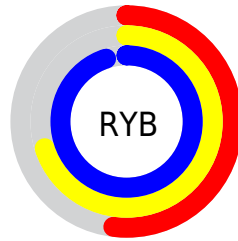
The Hex color **84D3F3** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F3A484**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **BEFFFF**, and **4A9CBB** is the 20% darker color. If you saturate the color by 10%, you get **6CCCF3**, and if you desaturate by 10%, it is **9CDAF3**.

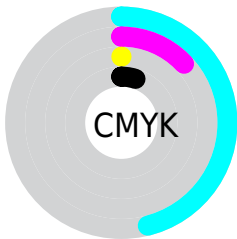
Distribution



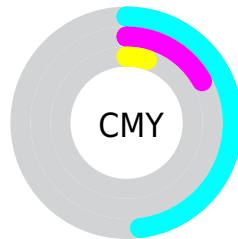
- Red (52%)
- Green (83%)
- Blue (95%)



- Red (52%)
- Yellow (70%)
- Blue (95%)



- Cyan (46%)
- Magenta (13%)
- Yellow (0%)
- Black (5%)



- Cyan (48%)
- Magenta (17%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84D3F3 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 84D3F3 by changing the saturation by 10% instead.

84D3F3

84D3F3

FFFFFF

67B7D7

BEFFFF

4A9CBB

DBFFFF

2882A0

F9FFFF

006986

00516C

003A54

00243C

000827

000110

84D3F3

84D3F3

6CCCCF3

9CDAF3

53C5F3

B5E1F3

3BBEF3

CDE8F3

23B7F3

E5EFF3

0AB0F3

FDF6F3

00ADF3

FFFDF3

FFFFF3

Harmonies

Analogous

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



7BD7DE



84D3F3



A2CCFC

Triad

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



84D3F3



FAB6CD



C4CE98

Complementary

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



84D3F3



F3A484

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.



E0C594



84D3F3



FEB6B3

Square

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



84D3F3



E7BAE7



F4BD9E



A6D4AA

Rectangle

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



84D3F3



BBC6FB



F4BD9E



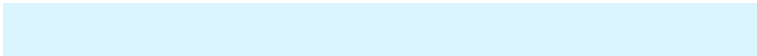
CECB95

Sweetspot

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



84D3F3



DBF5FF



84F3A3



6A7980



000000



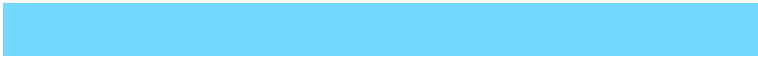
808080

Same Dimension

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



84D3F3



73D7FF



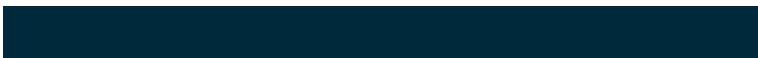
849CF3



6E777A



0084BA



002A3B

Inverse Universe

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



F384D3



FF73D7



F3DB84



7A6E77



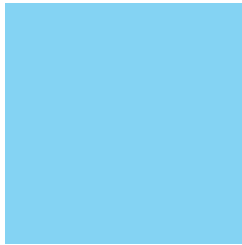
BA0084



3B002A

Previews

White Background



This preview shows how the Hex color 84D3F3 looks on a white background.

Color Contrast Check

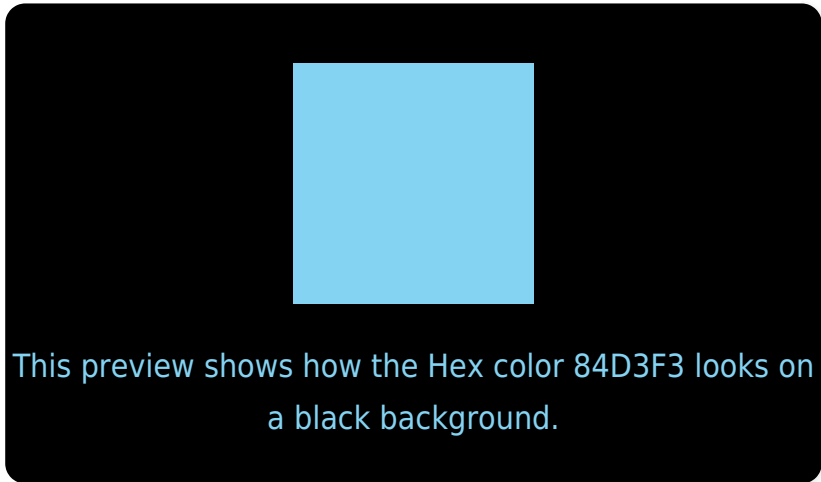
Large Text (above 18pt) WCAG AA × Fail

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

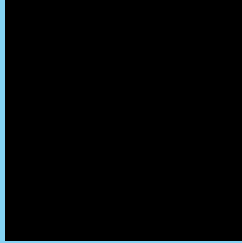
Any Text WCAG AA ✓ Pass

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 84D3F3 Background



This preview shows how black text looks on a background with the Hex color 84D3F3.

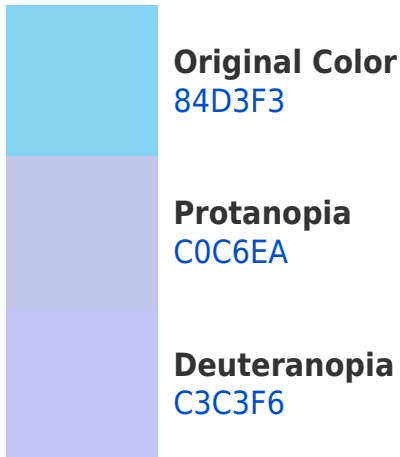


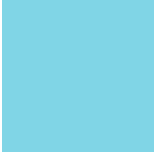
This preview shows how white text looks on a background with the Hex color 84D3F3.

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](#).

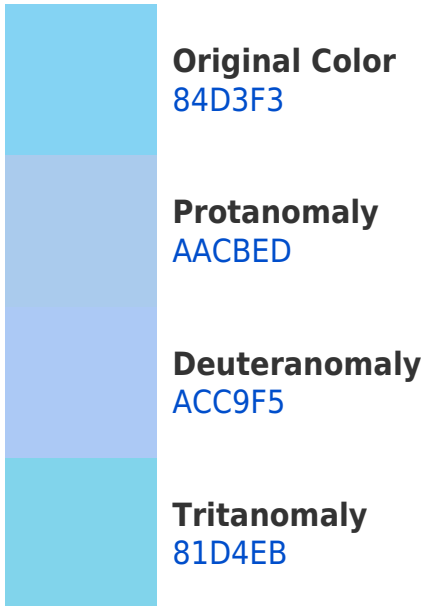
Dichromacy



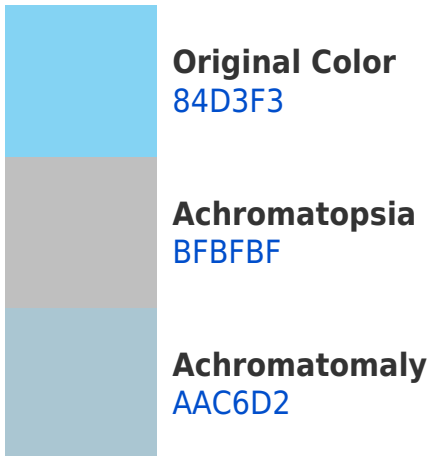


Tritanopia
80D5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84D3F3 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 #84D3F3 looks like.

```
.text, #text, p{  
    color:#84D3F3  
}
```

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 #84D3F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84D3F3
}
```

Border

The CSS property to change the border of an element to Hex 84D3F3 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
#84D3F3 }
```

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

```
.border{ border-color:#84D3F3 }
```

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

Here you see how a box with a 4 pixel #84D3F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84D3F3; -webkit-box-shadow:4px 4px  
4px 4px #84D3F3; box-shadow:4px 4px 4px  
4px #84D3F3 }
```

Background

The CSS property to change the background color of an element to Hex 84D3F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84D3F3 }
```

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

```
.background{ background-color:#84D3F3 }
```

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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