

Converting Colors

Hex(84DCFB)

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

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Color

Hex(84DCFB)

Conversions

Conversions Part 1

Format	Color
Hex	84DCFB
RGB	132, 220, 251
RGB Percent	52%, 86%, 98%
CMY	0.4824, 0.1373, 0.0157
CMYK	0.47, 0.12, 0.00, 0.02
HSL	196°, 94%, 75%
HSV	196°, 47%, 98%
XYZ	52.5215, 63.0570, 100.6698
YIQ	197.2220, -62.3990, -9.0150

Conversions

Conversions Part 2

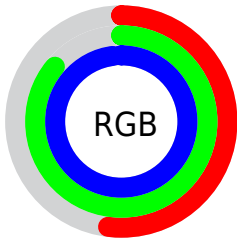
Format	Color
RYB	132, 183, 251
Decimal	8707323
CIELab	83.47, -18.46, -23.34
CIElCh	83, 29.753, 231.655
Yxy	63.0570, 0.2429, 0.2916
Android (android.graphics.Color)	4286897403 (0xFF84DCFB)
YUV	197.2220, 26.5126, -57.1997
Hunter-Lab	79.4084, -20.9031, -19.5789

Details

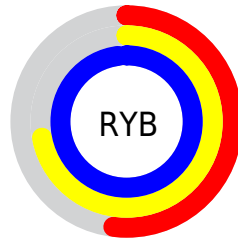
The Hex color **84DCFB** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FBA384**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **BFFFFFF**, and **48A5C2** is the 20% darker color. If you saturate the color by 10%, you get **6BD5FB**, and if you desaturate by 10%, it is **9DE3FB**.

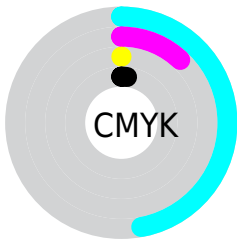
Distribution



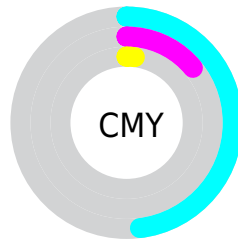
- Red (52%)
- Green (86%)
- Blue (98%)



- Red (52%)
- Yellow (72%)
- Blue (98%)



- Cyan (47%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (48%)
- Magenta (14%)
- Yellow (2%)

Brightness & Saturation Gradients

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

 84DCFB

 84DCFB

FFFFFF

 67C0DE

 BFFFFFF

 48A5C2

 DCFFFF

 248AA7

 FAFFFF

 00718D

 005873

 00415A

 002A43

 00162D

 000118

 84DCFB

 84DCFB

 6BD5FB

 9DE3FB

 52CFFB

 B6E9FB

 39C8FB

 CFF0FB

 20C2FB

 E8F6FB

 07BBFB

 FFFDFB

 00BAFB

 FFFFFB

Harmonies

Analogous

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



7EE0E4



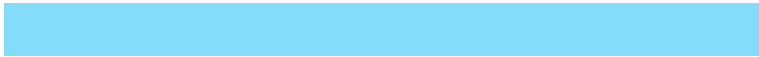
84DCFB



A3D5FF

Triad

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



84DCFB



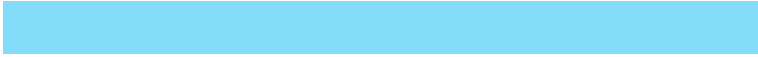
FFBCD9



CFD59C

Complementary

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



84DCFB



FBA384

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.



ECCC99



84DCFB



FFBCBD

Square

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



84DCFB



ECC2F3



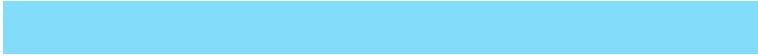
FFC2A5



AFDCAD

Rectangle

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



84DCFB



BDCFFB



FFC2A5



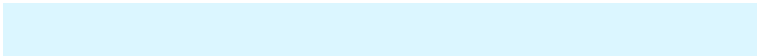
D9D299

Sweetspot

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



84DCFB



DBF6FF



84FBA2



6A7A80



000000



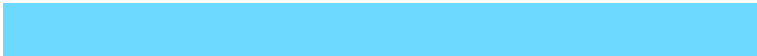
808080

Same Dimension

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



84DCFB



6ED9FF



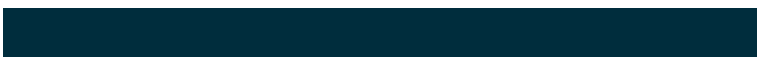
84A2FB



707A7D



008CBD



002D3D

Inverse Universe

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



FB84DC



FF6ED9



FBDD84



7D707A



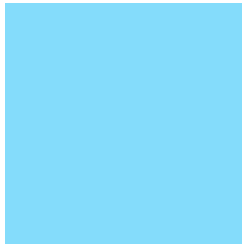
BD008C



3D002D

Previews

White Background



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

Color Contrast Check

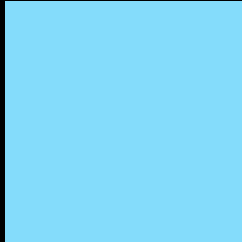
Large Text (above 18pt) WCAG AA × Fail

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 84DCFB 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 84DCFB Background



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



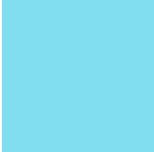
This preview shows how white text looks on a background with the Hex color 84DCFB.

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](#).

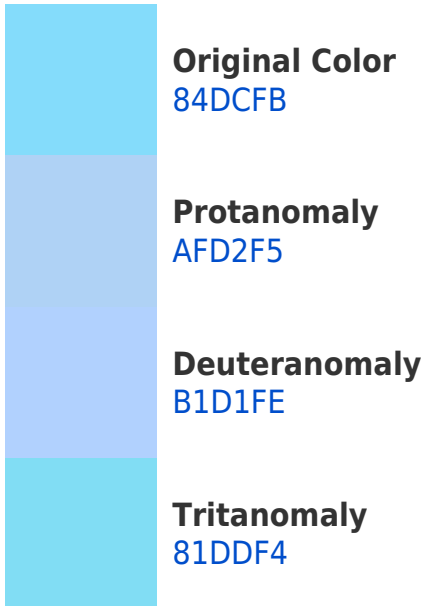
Dichromacy



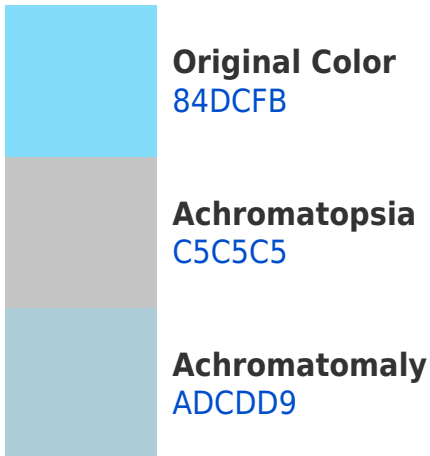


Tritanopia
80DEF0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #84DCFB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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