

Converting Colors

Hex(84EBFD)

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

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Color

Hex(84EBFD)

Conversions

Conversions Part 1

Format	Color
Hex	84EBFD
RGB	132, 235, 253
RGB Percent	52%, 92%, 99%
CMY	0.4824, 0.0784, 0.0078
CMYK	0.48, 0.07, 0.00, 0.01
HSL	189°, 97%, 75%
HSV	189°, 48%, 99%
XYZ	56.9537, 71.4140, 103.7110
YIQ	206.2550, -67.1660, -16.2380

Conversions

Conversions Part 2

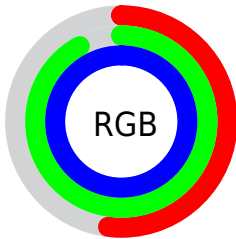
Format	Color
R _Y B	132, 188, 253
Decimal	8711165
CIE Lab	87.69, -25.39, -18.01
CIE LCh	88, 31.130, 215.355
Yxy	71.4140, 0.2454, 0.3077
Android (android.graphics.Color)	4286901245 (0xFF84EBFD)
YUV	206.2550, 23.0453, -65.1216
Hunter-Lab	84.5068, -27.5863, -13.6089

Details

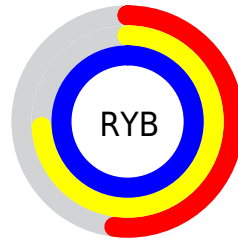
The Hex color **84EBFD** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FD9684**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **BFFFFFF**, and **46B3C4** is the 20% darker color. If you saturate the color by 10%, you get **6BE7FD**, and if you desaturate by 10%, it is **9DEFFD**.

Distribution



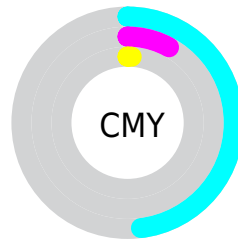
- Red (52%)
- Green (92%)
- Blue (99%)



- Red (52%)
- Yellow (74%)
- Blue (99%)



- Cyan (48%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)



- Cyan (48%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

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

 84EBFD

 84EBFD

FFFFFF

 66CFE0

 BFFFFFF

 46B3C4

 DDFFFF


 1F98A9

 FBFFFF

 007E8F

 006575

 004C5C

 003545

 00212E

 00011A

 84EBFD

 84EBFD

 6BE7FD

 9DEFFD

 51E3FD

 B7F3FD

 38E0FD

 D0F6FD

 1FD CFD

 E9FAFD

 06D8FD

FFFEFD

 00D7FD

FFFFFD

Harmonies

Analogous

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



8DEDE0



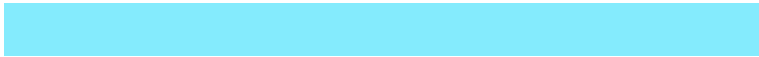
84EBFD



98E6FF

Triad

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



84EBFD



FFCAF5



ECDCA1

Complementary

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



84EBFD



FD9684

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.



FFD2A7



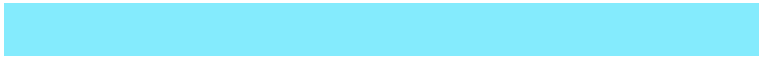
84EBFD



FFC6D7

Square

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



84EBFD



E7D2FF



FFC9BB



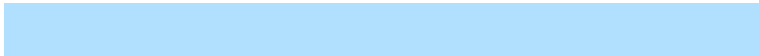
CCE4AB

Rectangle

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



84EBFD



B1E0FF



FFC9BB



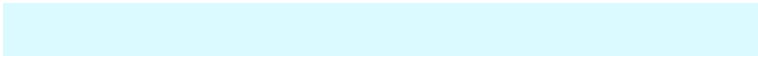
F6D8A1

Sweetspot

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



84EBFD



DBFAFF



84FD94



6A7C80



000000



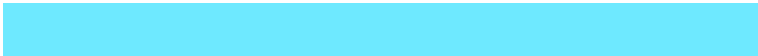
808080

Same Dimension

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



84EBFD



6EE9FF



84B0FD



737E80



00A3BF



003640

Inverse Universe

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



FD84EB



FF6EE9



FDD184



80737E



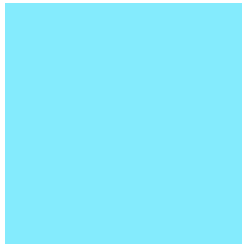
BF00A3



400036

Previews

White Background



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

Color Contrast Check

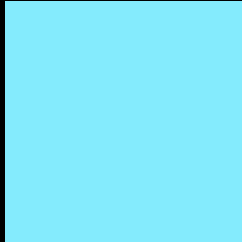
Large Text (above 18pt) WCAG AA × Fail

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 84EBFD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

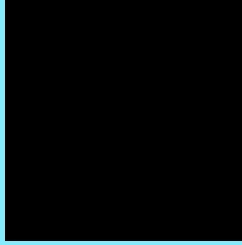
Any Text WCAG AA ✓ Pass

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 84EBFD Background



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

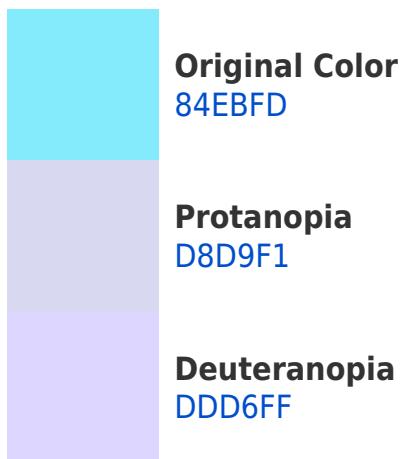


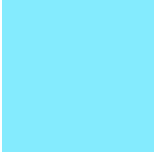
This preview shows how white text looks on a background with the Hex color 84EBFD.

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](#).

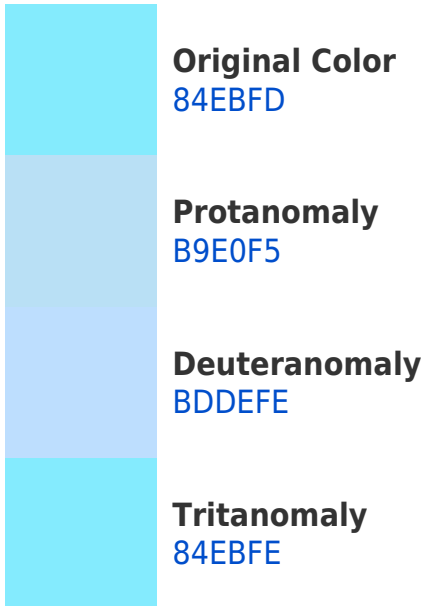
Dichromacy



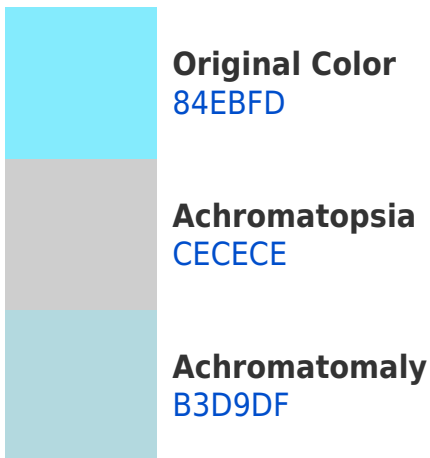


Tritanopia
84EBFE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #84EBFD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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