

# Converting Colors

Hex(85D0FD)

Have a look what the booklet for  
Hex(85D0FD) contains.

<b>Hex(85D0FD)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(85D0FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85D0FD
RGB	133, 208, 253
RGB Percent	52%, 82%, 99%
CMY	0.4784, 0.1843, 0.0078
CMYK	0.47, 0.18, 0.00, 0.01
HSL	202°, 97%, 76%
HSV	202°, 47%, 99%
XYZ	49.9584, 57.1901, 101.3342
YIQ	190.7050, -59.1450, -1.9050

# Conversions

## Conversions Part 2

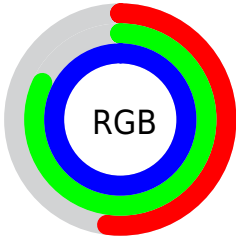
Format	Color
<a href="#">RYB</a>	133, 179, 253
Decimal	8769789
CIELab	80.29, -11.51, -29.26
CIELCh	80, 31.439, 248.520
Yxy	57.1901, 0.2396, 0.2743
Android (android.graphics.Color)	4286959869 (0xFF85D0FD)
YUV	190.7050, 30.7114, -50.6073
Hunter-Lab	75.6242, -14.4227, -26.5100

# Details

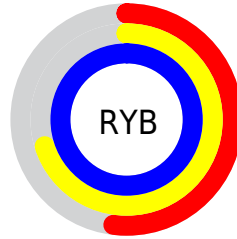
The Hex color **85D0FD** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FDB285**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **BFFFFFF**, and **4A9AC4** is the 20% darker color. If you saturate the color by 10%, you get **6CC7FD**, and if you desaturate by 10%, it is **9ED9FD**.

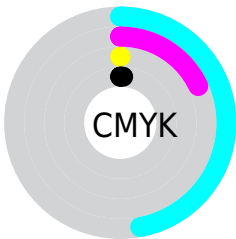
# Distribution



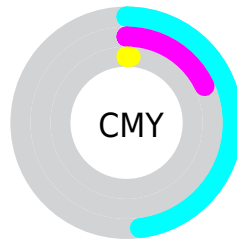
- Red (52%)
- Green (82%)
- Blue (99%)



- Red (52%)
- Yellow (70%)
- Blue (99%)



- Cyan (47%)
- Magenta (18%)
- Yellow (0%)
- Black (1%)



- Cyan (48%)
- Magenta (18%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85D0FD 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 85D0FD by changing the saturation by 10% instead.



 85D0FD

 85D0FD

FFFFFF

 68B4E0

 BFFFFFF

 4A9AC4

 DDFFFF

 2780A9

 FBFFFF

 00678E

 004F75

 00385C

 002344

 00052E

 000118

■ 85D0FD

■ 85D0FD

■ 6CC7FD

■ 9ED9FD

■ 52BDFD

■ B8E3FD

■ 39B4FD

■ D1ECFD

■ 20AAFD

■ EAF6FD

■ 07A1FD

FFFFFD

■ 009EFD

# Harmonies

## Analogous

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



6DD6EB



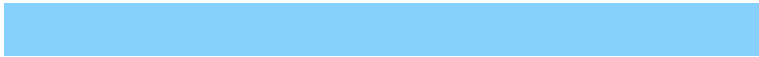
85D0FD



AEC7FF

# Triad

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



85D0FD



FFB1C0



B3D099

# Complementary

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



85D0FD



FDB285

# 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.



D4C88D



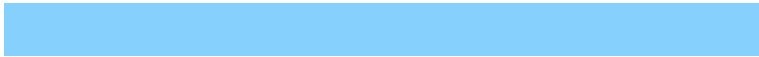
85D0FD



FFB5A4

# Square

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



85D0FD



F4B4DD



EFBE91



91D6B1

# Rectangle

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



85D0FD



CAC0FB



EFBE91

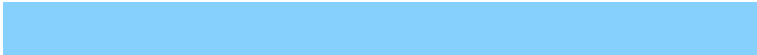


BFCE93

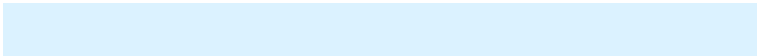


# Sweetspot

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



85D0FD



DBF2FF



85FDB1



6A7780



000000

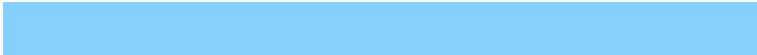


808080

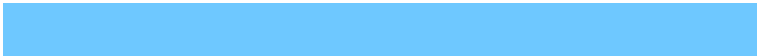


# Same Dimension

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



85D0FD



6EC8FF



8595FD



737B80



0078BF



002840



# Inverse Universe

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



FD85D0



FF6EC8



FDED85



80737B



BF0078

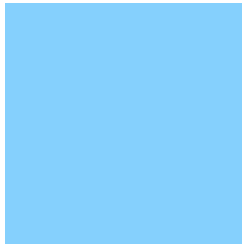


400028



# Previews

## White Background



This preview shows how the Hex color 85D0FD looks on a white background.

## Color Contrast Check

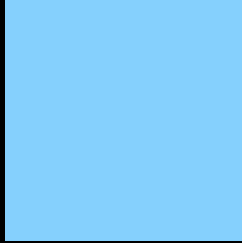
Large Text (above 18pt) WCAG AA × Fail

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 85D0FD 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

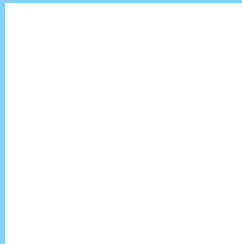
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 85D0FD Background



This preview shows how black text looks on a background with the Hex color 85D0FD.



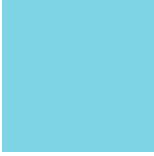
This preview shows how white text looks on a background with the Hex color 85D0FD.

# 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](#).

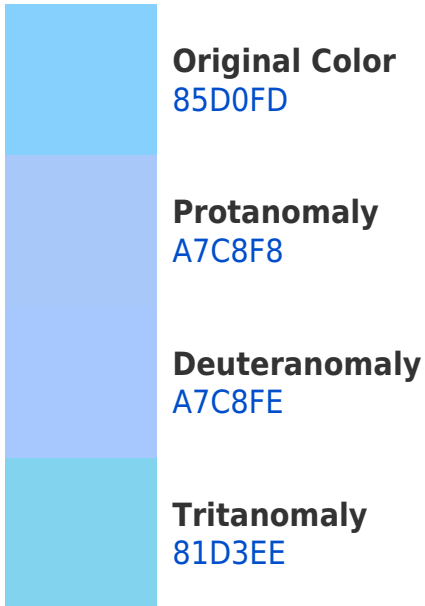
## Dichromacy



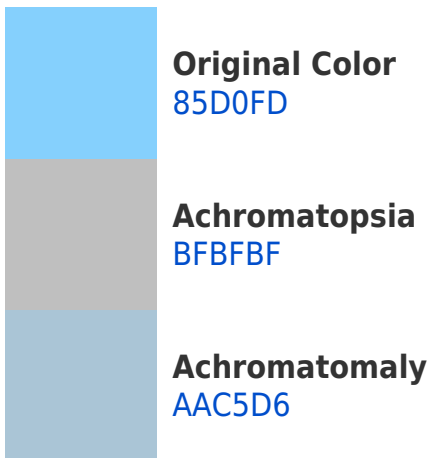


**Tritanopia**  
7ED4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85D0FD 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 #85D0FD looks like.

```
.text, #text, p{  
    color:#85D0FD  
}
```

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 #85D0FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85D0FD
}
```

## Border

The CSS property to change the border of an element to Hex 85D0FD 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
#85D0FD }
```

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

```
.border{ border-color:#85D0FD }
```

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

Here you see how a box with a 4 pixel #85D0FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85D0FD; -webkit-box-shadow:4px 4px  
4px 4px #85D0FD; box-shadow:4px 4px 4px  
4px #85D0FD }
```

# Background

The CSS property to change the background color of an element to Hex 85D0FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85D0FD }
```

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

```
.background{ background-color:#85D0FD }
```

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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