

Converting Colors

Hex(85DDFF)

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

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Color

Hex(85DDFF)

Conversions

Conversions Part 1

Format	Color
Hex	85DDFF
RGB	133, 221, 255
RGB Percent	52%, 87%, 100%
CMY	0.4784, 0.1333, 0.0000
CMYK	0.48, 0.13, 0.00, 0.00
HSL	197°, 100%, 76%
HSV	197°, 48%, 100%
XYZ	53.5793, 63.9194, 104.1215
YIQ	198.5640, -63.3620, -8.0820

Conversions

Conversions Part 2

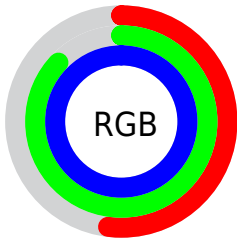
Format	Color
RYB	133, 184, 255
Decimal	8773119
CIELab	83.92, -17.67, -24.76
CIELCh	84, 30.417, 234.487
Yxy	63.9194, 0.2418, 0.2884
Android (android.graphics.Color)	4286963199 (0xFF85DDFF)
YUV	198.5640, 27.8229, -57.4996
Hunter-Lab	79.9496, -20.2877, -21.2509

Details

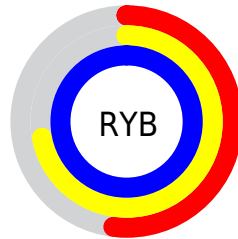
The Hex color **85DDFF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA785**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **C0FFFF**, and **49A6C6** is the 20% darker color. If you saturate the color by 10%, you get **6CD6FF**, and if you desaturate by 10%, it is **9FE4FF**.

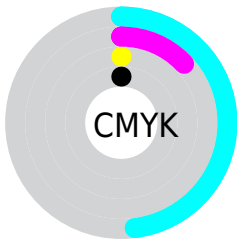
Distribution



- Red (52%)
- Green (87%)
- Blue (100%)



- Red (52%)
- Yellow (72%)
- Blue (100%)



- Cyan (48%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 85DDFF

 85DDFF

FFFFFF

 67C1E2

 C0FFFF

 49A6C6

 DDFFFF

 248BAB

 FCFFFF

 007290

 005977

 00425E

 002B46

 00182F

 00011A

■ 85DDFF

■ 85DDFF

■ 6CD6FF

■ 9FE4FF

■ 52CFFF

■ B8EBFF

■ 39C8FF

■ D2F2FF

■ 1FC1FF

■ EBF9FF

■ 06B9FF

FFFFFF

■ 00B8FF

Harmonies

Analogous

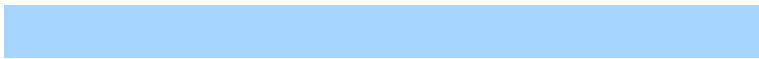
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7CE1E8



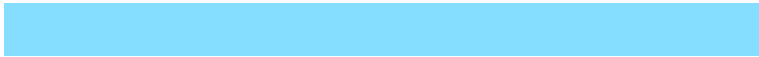
85DDFF



A6D6FF

Triad

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



85DDFF



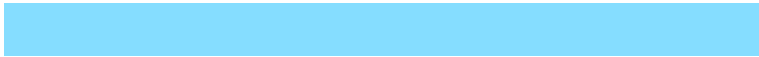
FFBDD8



CDD79D

Complementary

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



85DDFF



FFA785

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.



EBCE98



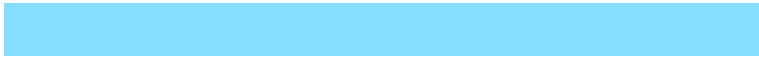
85DDFF



FFBEBB

Square

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



85DDFF



F1C2F3



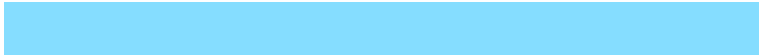
FFC4A4



ACDEAF

Rectangle

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



85DDFF



C1CFFF



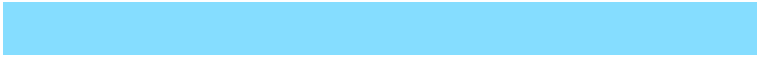
FFC4A4



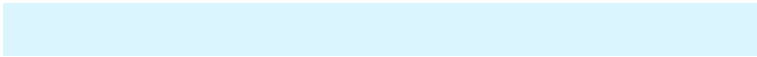
D8D49A

Sweetspot

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



85DDFF



DBF5FF



85FFA6



6A7980



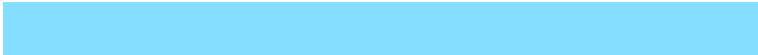
000000



808080

Same Dimension

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



85DDFF



6ED6FF



85A1FF



737C80



008ABF



002E40

Inverse Universe

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



FF85DD



FF6ED6



FFE385



80737C



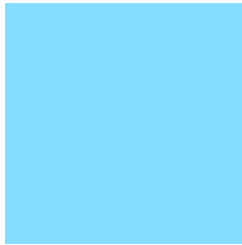
BF008A



40002E

Previews

White Background



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

Color Contrast Check

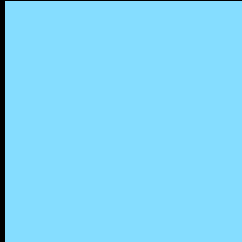
Large Text (above 18pt) WCAG AA × Fail

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 85DDFF 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 85DDFF Background



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

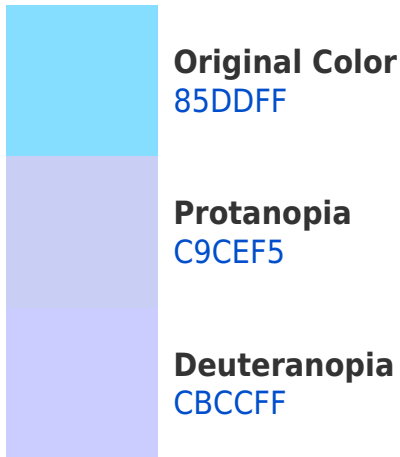


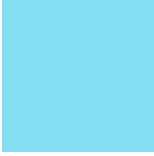
This preview shows how white text looks on a background with the Hex color 85DDFF.

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](#).

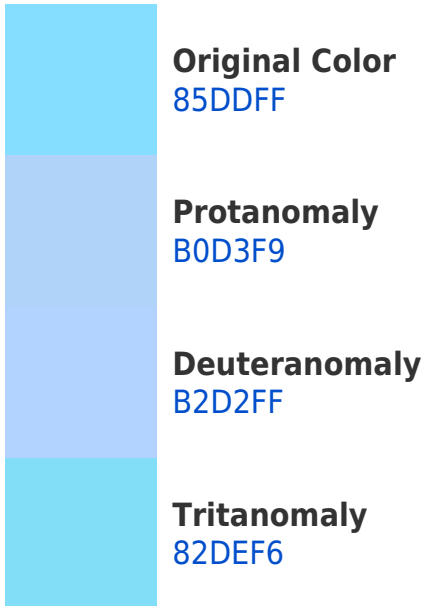
Dichromacy



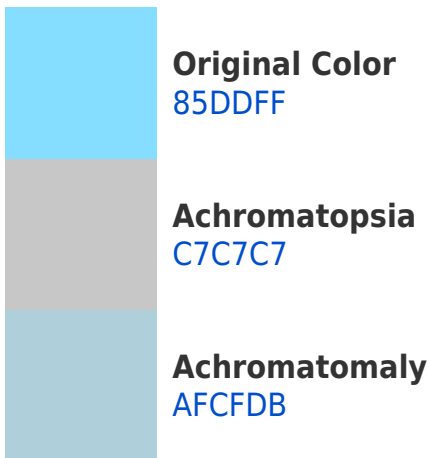


Tritanopia
81DFF1

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #85DDFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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