

Converting Colors

Hex(85D9FF)

Have a look what the booklet for
Hex(85D9FF) contains.

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Color

Hex(85D9FF)

Conversions

Conversions Part 1

Format	Color
Hex	85D9FF
RGB	133, 217, 255
RGB Percent	52%, 85%, 100%
CMY	0.4784, 0.1490, 0.0000
CMYK	0.48, 0.15, 0.00, 0.00
HSL	199°, 100%, 76%
HSV	199°, 48%, 100%
XYZ	52.5357, 61.8323, 103.7736
YIQ	196.2160, -62.2620, -5.9900

Conversions

Conversions Part 2

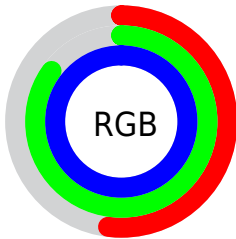
Format	Color
R _Y B	133, 183, 255
Decimal	8772095
CIE Lab	82.82, -15.63, -26.43
CIE LCh	83, 30.709, 239.409
Yxy	61.8323, 0.2408, 0.2835
Android (android.graphics.Color)	4286962175 (0xFF85D9FF)
YUV	196.2160, 28.9805, -55.4404
Hunter-Lab	78.6335, -18.3512, -23.2023

Details

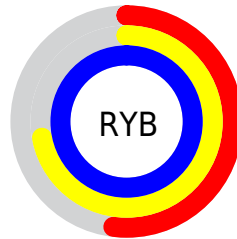
The Hex color **85D9FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFAB85**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **C0FFFF**, and **49A2C6** is the 20% darker color. If you saturate the color by 10%, you get **6CD1FF**, and if you desaturate by 10%, it is **9FE1FF**.

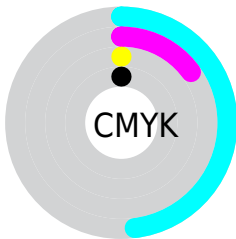
Distribution



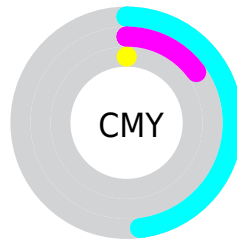
- Red (52%)
- Green (85%)
- Blue (100%)



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



- Cyan (48%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85D9FF 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 85D9FF by changing the saturation by 10% instead.

 85D9FF

 85D9FF

FFFFFF

 68BDE2

 C0FFFF

 49A2C6

 DDFFFF

 2588AB

 FBFFFF

 006E90

 005676

 003F5E

 002946

 00142F

 00011A

 85D9FF

 85D9FF

 6CD1FF

 9FE1FF

 52C9FF


 B8E9FF

 39C1FF

 D2F1FF

 1FB9FF

 EBF9FF

 06B1FF

FFFFFF

 00B0FF

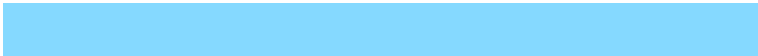
Harmonies

Analogous

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



77DEE9



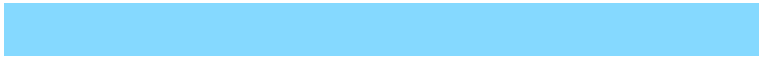
85D9FF



A9D1FF

Triad

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



85D9FF



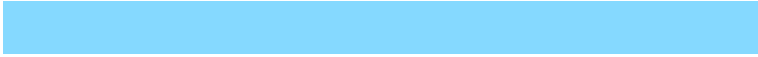
FFB9D0



C5D59B

Complementary

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



85D9FF



FFAB85

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.



E4CC95



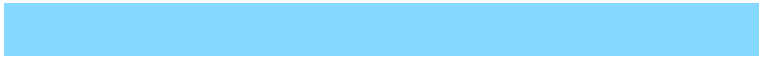
85D9FF



FFBBB3

Square

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



85D9FF



F3BEEC



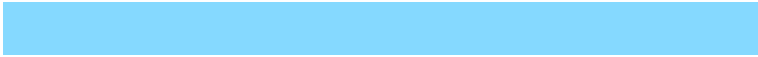
FBC29D



A4DBB0

Rectangle

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



85D9FF



C5CAFF



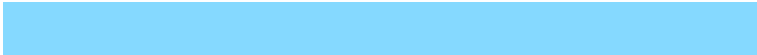
FBC29D



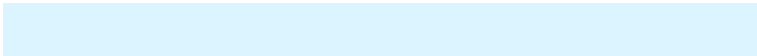
D0D297

Sweetspot

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



85D9FF



DBF4FF



85FFAA



6A7980



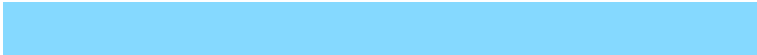
000000



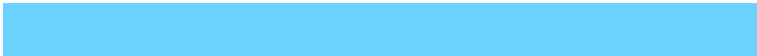
808080

Same Dimension

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



85D9FF



6ED2FF



859DFF



737C80



0084BF



002C40

Inverse Universe

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



FF85D9



FF6ED2



FFE785



80737C



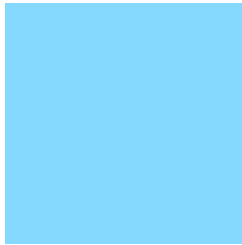
BF0084



40002C

Previews

White Background



This preview shows how the Hex color 85D9FF looks on a white background.

Color Contrast Check

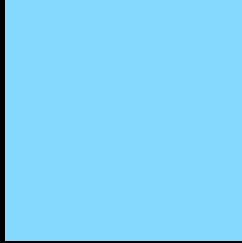
Large Text (above 18pt) WCAG AA × Fail

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 85D9FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

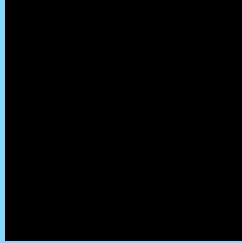
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

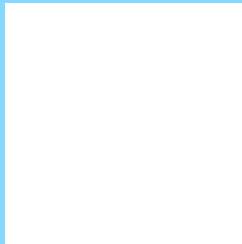
Any Text WCAG AAA ✓ Pass

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

Hex 85D9FF Background



This preview shows how black text looks on a background with the Hex color 85D9FF.



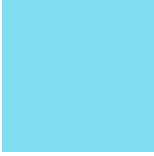
This preview shows how white text looks on a background with the Hex color 85D9FF.

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](#).

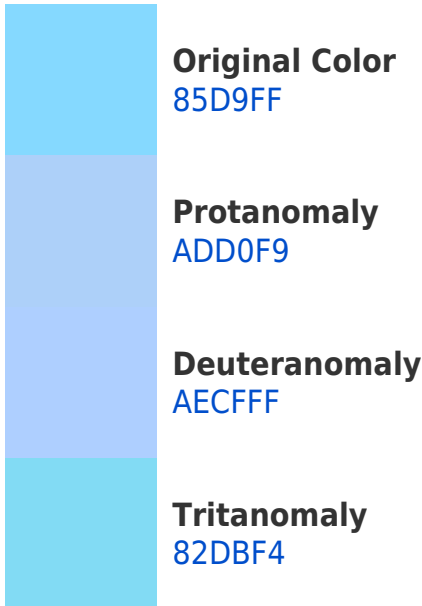
Dichromacy



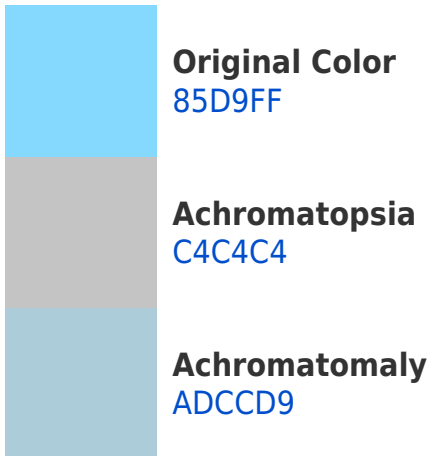


Tritanopia
80DCEE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85D9FF 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 #85D9FF looks like.

```
.text, #text, p{  
    color:#85D9FF  
}
```

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 #85D9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85D9FF  
}
```

Border

The CSS property to change the border of an element to Hex 85D9FF 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  
#85D9FF }
```

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

```
.border{ border-color:#85D9FF }
```

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

Here you see how a box with a 4 pixel #85D9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85D9FF; -webkit-box-shadow:4px 4px  
4px 4px #85D9FF; box-shadow:4px 4px 4px  
4px #85D9FF }
```

Background

The CSS property to change the background color of an element to Hex 85D9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85D9FF }
```

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

```
.background{ background-color:#85D9FF }
```

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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