

Converting Colors

Hex(85FFFF)

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

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Color

Hex(85FFFF)

Conversions

Conversions Part 1

Format	Color
Hex	85FFFF
RGB	133, 255, 255
RGB Percent	52%, 100%, 100%
CMY	0.4784, 0.0000, 0.0000
CMYK	0.48, 0.00, 0.00, 0.00
HSL	180°, 100%, 76%
HSV	180°, 48%, 100%
XYZ	63.4829, 83.7265, 107.4227
YIQ	218.5220, -72.7120, -25.8640

Conversions

Conversions Part 2

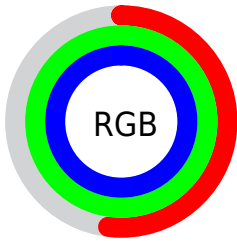
Format	Color
R_{YB}	133, 194, 255
Decimal	8781823
CIE _{Lab}	93.33, -34.20, -10.60
CIE _{LCh}	93, 35.800, 197.221
Yxy	83.7265, 0.2493, 0.3288
Android (android.graphics.Color)	4286971903 (0xFF85FFFF)
YUV	218.5220, 17.9837, -75.0028
Hunter-Lab	91.5022, -36.2882, -5.5543

Details

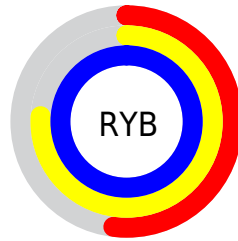
The Hex color **85FFFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF8585**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **C1FFFF**, and **45C6C6** is the 20% darker color. If you saturate the color by 10%, you get **6CFFFF**, and if you desaturate by 10%, it is **9FFFFFF**.

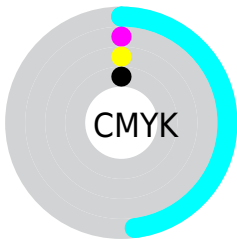
Distribution



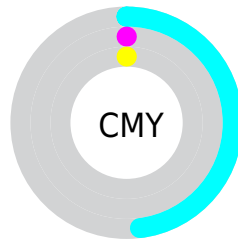
- Red (52%)
- Green (100%)
- Blue (100%)



- Red (52%)
- Yellow (76%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

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

 85FFFF

 85FFFF

FFFFFF

 66E2E2


 C1FFFF

 45C6C6

 E0FFFF

 18AAAB

FEFFFF

 008F91

 007577

 005C5E

 004447

 002D30

 00151C

 85FFFF

 85FFFF

 6CFFFF

 9FFFFFF

 52FFFF

 B8FFFF

 39FFFF

 D2FFFF

 1FFFFFF

 EBFFFF

 06FFFF

FFFFFF

 00FFFF

Harmonies

Analogous

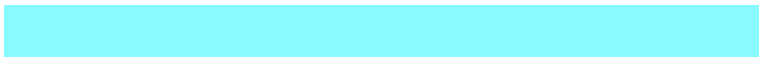
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A2FEDB



85FFFF



87FBFF

Triad

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



85FFFF



FFDCFF



FFE5A9

Complementary

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



85FFFF



FF8585

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.



FFDABB



85FFFF



FFD4FC

Square

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



85FFFF



DDE8FF



FFD3D9



F0F0A9

Rectangle

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



85FFFF



9CF7FF



FFD3D9



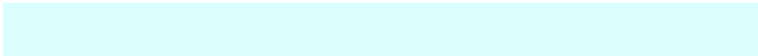
FFE1AD

Sweetspot

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



85FFFF



DBFFFF



85FF85



6A8080



000000



808080

Same Dimension

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



85FFFF



6EFFFF



85C2FF



738080



00BFBF



004040

Inverse Universe

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



FF85FF



FF6EFF



FFC285



807380



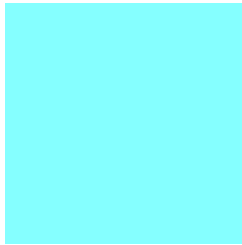
BF00BF



400040

Previews

White Background



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

Color Contrast Check

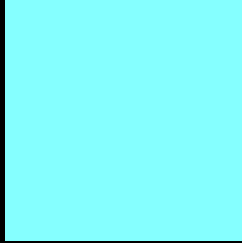
Large Text (above 18pt) WCAG AA × Fail

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 85FFFF 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 85FFFF Background



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

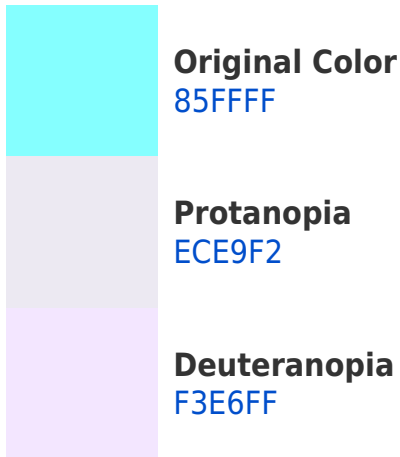


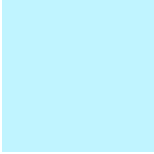
This preview shows how white text looks on a background with the Hex color 85FFFF.

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
C0F4FF

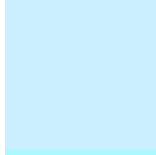
Trichromacy



Original Color
85FFFF



Protanomaly
C7F1F7



Deuteranomaly
CBEFFF

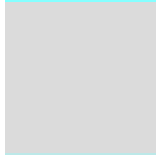


Tritanomaly
ABF8FF

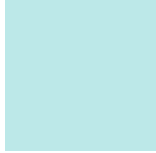
Monochromacy



Original Color
85FFFF



Achromatopsia
DBDBDB



Achromatomaly
BCE8E8

CSS Examples

Text

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

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

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 #85FFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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