

Converting Colors

Hex(85FFCE)

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

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Color

Hex(85FFCE)

Conversions

Conversions Part 1

Format	Color
Hex	85FFCE
RGB	133, 255, 206
RGB Percent	52%, 100%, 81%
CMY	0.4784, 0.0000, 0.1922
CMYK	0.48, 0.00, 0.19, 0.00
HSL	156°, 100%, 76%
HSV	156°, 48%, 100%
XYZ	56.5734, 80.9628, 71.0382
YIQ	212.9360, -56.9830, -41.1030

Conversions

Conversions Part 2

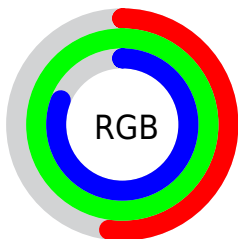
Format	Color
RYB	133, 209, 255
Decimal	8781774
CIELab	92.12, -45.42, 12.94
CIELCh	92, 47.229, 164.096
Yxy	80.9628, 0.2712, 0.3882
Android (android.graphics.Color)	4286971854 (0xFF85FFCE)
YUV	212.9360, -3.4194, -70.1039
Hunter-Lab	89.9793, -45.2340, 16.1764

Details

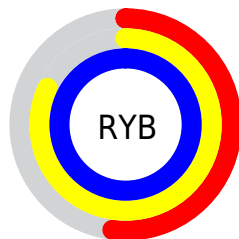
The Hex color **85FFCE** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF85B6**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **C0FFFF**, and **48C698** is the 20% darker color. If you saturate the color by 10%, you get **6CFFC4**, and if you desaturate by 10%, it is **9FFFD8**.

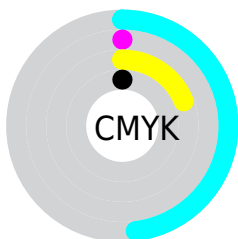
Distribution



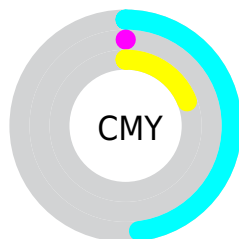
- Red (52%)
- Green (100%)
- Blue (81%)



- Red (52%)
- Yellow (82%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (48%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 85FFCE

FFFFFF

 C0FFFF

 DEFFFF

 FCFFFF

 85FFCE

 67E2B2

 48C698

 23AA7E

 008F65

 00744D

 005B36

 004220

 002C0A

 000E00

 85FFCE

 85FFCE

 6CFFC4

 9FFFD8

 52FFBA

 B8FFE2

 39FFAF

 D2FFED

 1FFFA5

 EBFFF7

 06FF9B

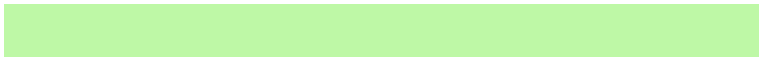
FFFFFF

 00FF99

Harmonies

Analogous

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



BEF8A6



85FFCE



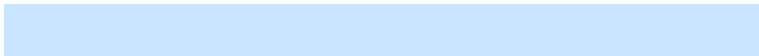
44FFFD

Triad

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



85FFCE



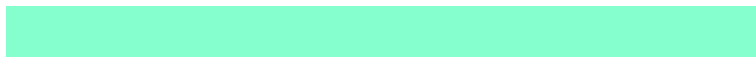
CAE5FF



FFCEAB

Complementary

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



85FFCE



FF85B6

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.



FFC5D4



85FFCE



FFD5FF

Square

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



85FFCE



7CF4FF



FFC8FF



FFDD91

Rectangle

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



85FFCE



24FFFF



FFC8FF



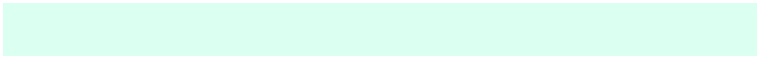
FFCAB8

Sweetspot

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



85FFCE



DBFFF1



B8FF85



6A8077



000000



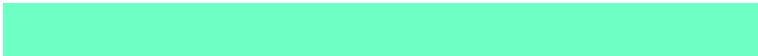
808080

Same Dimension

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



85FFCE



6EFFC5



85F5FF



73807A



00BF72



004026

Inverse Universe

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



FF85B6



FF6EA8



FF8F85



807378



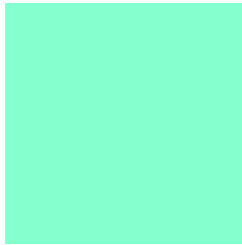
BF004D



40001A

Previews

White Background



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

Color Contrast Check

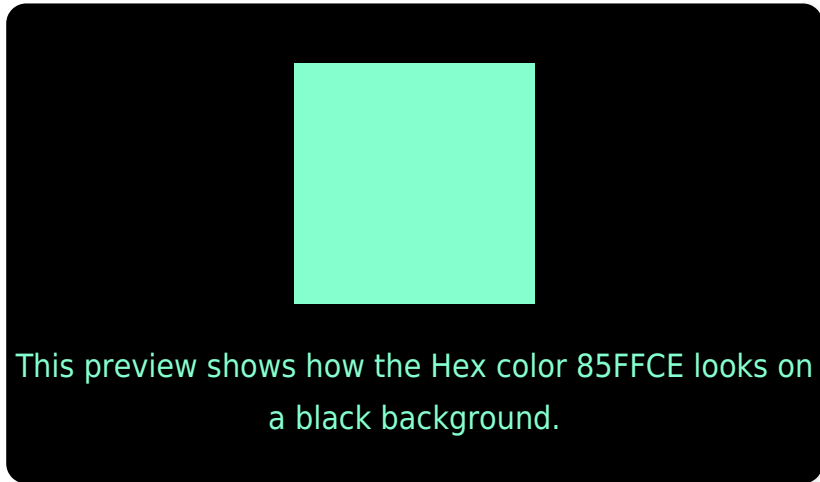
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

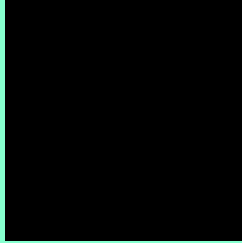
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

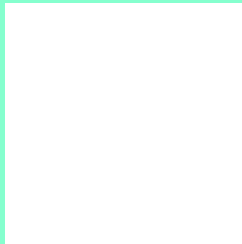
Any Text WCAG AAA ✓ Pass

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

Hex 85FFCE Background



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

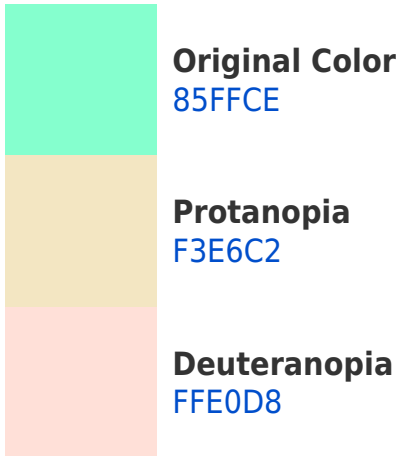


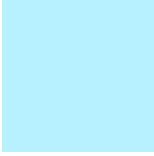
This preview shows how white text looks on a background with the Hex color 85FFCE.

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



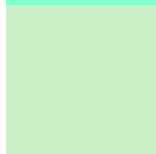


Tritanopia
B7F1FF

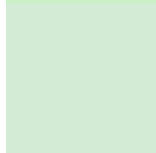
Trichromacy



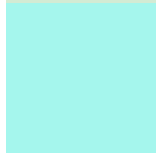
Original Color
85FFCE



Protanomaly
CBEFC6

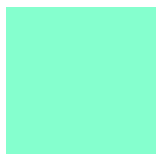


Deuteranomaly
D3EBD4

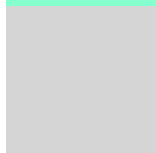


Tritanomaly
A5F6ED

Monochromacy



Original Color
85FFCE



Achromatopsia
D5D5D5



Achromatomaly
B8E4D2

CSS Examples

Text

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

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

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 #85FFCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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