

Converting Colors

Hex(85FF85)

Have a look what the booklet for
Hex(85FF85) contains.

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Color

Hex(85FF85)

Conversions

Conversions Part 1

Format	Color
Hex	85FF85
RGB	133, 255, 133
RGB Percent	52%, 100%, 52%
CMY	0.4784, 0.0000, 0.4784
CMYK	0.48, 0.00, 0.48, 0.00
HSL	120°, 100%, 76%
HSV	120°, 48%, 100%
XYZ	49.6665, 78.2000, 34.6667
YIQ	204.6140, -33.5500, -63.8060

Conversions

Conversions Part 2

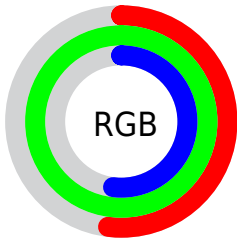
Format	Color
RYB	133, 255, 255
Decimal	8781701
CIELab	90.87, -57.92, 47.69
CIElCh	91, 75.032, 140.533
Yxy	78.2000, 0.3056, 0.4811
Android (android.graphics.Color)	4286971781 (0xFF85FF85)
YUV	204.6140, -35.3057, -62.8055
Hunter-Lab	88.4308, -54.5006, 38.6586

Details

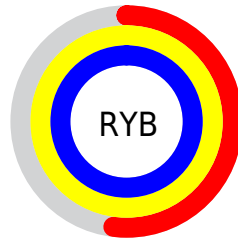
The Hex color **85FF85** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF85FF**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **C0FFBC**, and **47C550** is the 20% darker color. If you saturate the color by 10%, you get **6CFF6C**, and if you desaturate by 10%, it is **9FFF9F**.

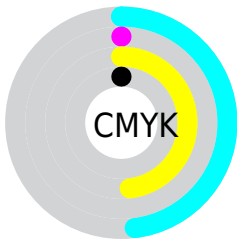
Distribution



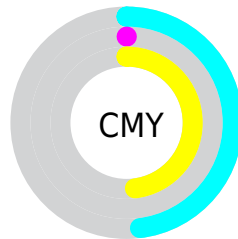
- Red (52%)
- Green (100%)
- Blue (52%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 85FF85 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 85FF85 by changing the saturation by 10% instead.

 85FF85

 85FF85

FFFFFF

 67E26A

 C0FFBC

 47C550

 DEFFD8

 21A936

 FDFFF5

 008E1A

 007400

 005A00

 004100

 002A00

 000600

 85FF85

 85FF85

 6CFF6C

 9FFF9F

 52FF52

 B8FFB8

 39FF39

 D2FFD2

 1FFF1F

 EBFFEB

 06FF06

FFFFFF

 00FF00

Harmonies

Analogous

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



DCF054



85FF85



00FFCB

Triad

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



85FF85



00F3FF



FFA7B7

Complementary

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



85FF85



FF85FF

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.



FFA6FF



85FF85



C0DBFF

Square

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



85FF85



00FFFF



FFBDFD



FFBD78

Rectangle

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



85FF85



00FFFD



FFBDFD



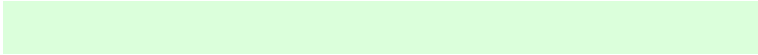
FFA4CE

Sweetspot

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



85FF85



DBFFDB



FFFF85



6A806A



000000



808080

Same Dimension

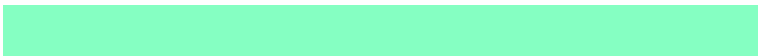
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85FF85



6EFF6E



85FFC2



738073



00BF00



004000

Inverse Universe

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



FF85FF



FF6EFF



FF85C2



807380



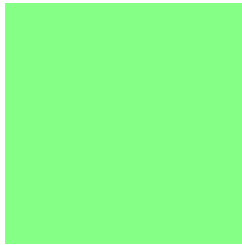
BF00BF



400040

Previews

White Background



This preview shows how the Hex color 85FF85 looks on a white background.

Color Contrast Check

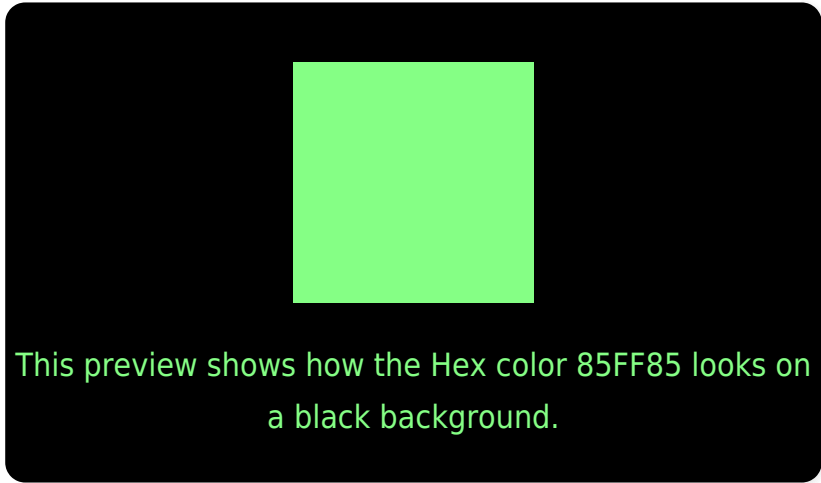
Large Text (above 18pt) WCAG AA × Fail

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

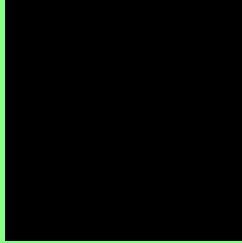
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

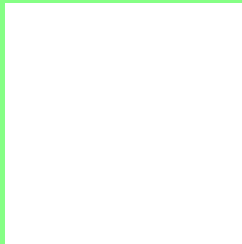
Any Text WCAG AAA ✓ Pass

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

Hex 85FF85 Background



This preview shows how black text looks on a background with the Hex color 85FF85.

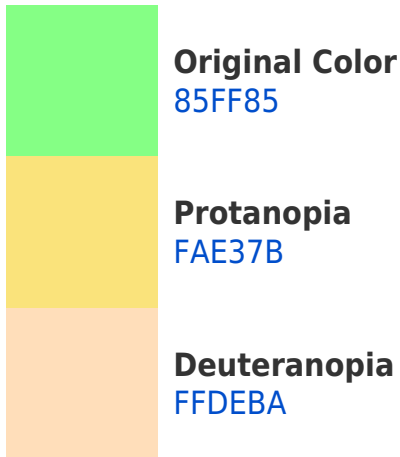


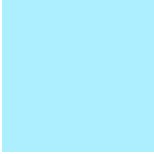
This preview shows how white text looks on a background with the Hex color 85FF85.

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



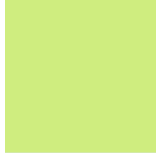


Tritanopia
ADEFFF

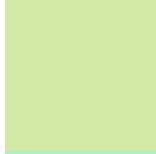
Trichromacy



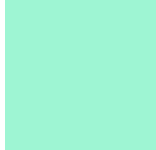
Original Color
85FF85



Protanomaly
CFED7F

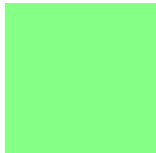


Deuteranomaly
D3EAA7

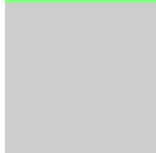


Tritanomaly
9EF5D3

Monochromacy



Original Color
85FF85



Achromatopsia
CDCDCD



Achromatomaly
B3DFB3

CSS Examples

Text

The CSS property to change the color of the text to Hex 85FF85 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 #85FF85 looks like.

```
.text, #text, p{  
    color:#85FF85  
}
```

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 #85FF85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85FF85
}
```

Border

The CSS property to change the border of an element to Hex 85FF85 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
#85FF85 }
```

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

```
.border{ border-color:#85FF85 }
```

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

Here you see how a box with a 4 pixel #85FF85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85FF85; -webkit-box-shadow:4px 4px  
4px 4px #85FF85; box-shadow:4px 4px 4px  
4px #85FF85 }
```

Background

The CSS property to change the background color of an element to Hex 85FF85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85FF85 }
```

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

```
.background{ background-color:#85FF85 }
```

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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