

Converting Colors

Hex(85FF93)

Have a look what the booklet for
Hex(85FF93) contains.

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Color

Hex(85FF93)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 85FF93 |
| RGB | 133, 255, 147 |
| RGB Percent | 52%, 100%, 58% |
| CMY | 0.4784, 0.0000, 0.4235 |
| CMYK | 0.48, 0.00, 0.42, 0.00 |
| HSL | 127°, 100%, 76% |
| HSV | 127°, 48%, 100% |
| XYZ | 50.6993, 78.6131, 40.1055 |
| YIQ | 206.2100, -38.0440, -59.4520 |

Conversions

Conversions Part 2

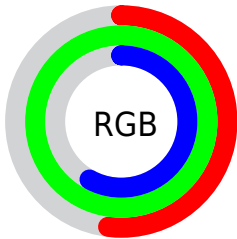
| Format | Color |
|-------------------------------------|--|
| RYB | 133, 242, 255 |
| Decimal | 8781715 |
| CIELab | 91.06, -55.96, 41.22 |
| CIELCh | 91, 69.502, 143.626 |
| Yxy | 78.6131, 0.2993, 0.4640 |
| Android (android.graphics.Color) | 4286971795 (0xFF85FF93) |
| YUV | 206.2100, -29.1905, -64.2052 |
| Hunter-Lab | 88.6640, -53.0933, 35.2461 |

Details

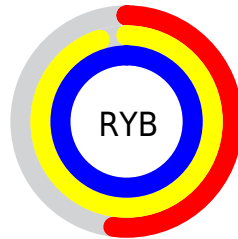
The Hex color **85FF93** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FF85F1**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **C0FFCA**, and **48C55F** is the 20% darker color. If you saturate the color by 10%, you get **6CFF7C**, and if you desaturate by 10%, it is **9FFFAA**.

Distribution



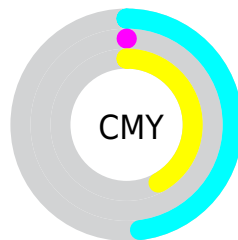
- Red (52%)
- Green (100%)
- Blue (58%)



- Red (52%)
- Yellow (95%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (48%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85FF93 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 85FF93 by changing the saturation by 10% instead.

 85FF93

 85FF93

FFFFFF

 67E278

 C0FFCA

 48C55F

 DEFFE7

 22A945

 FCFFFF

 008E2C

 007411

 005A00

 004100

 002B00

 000700

 85FF93

 85FF93

 6CFF7C

 9FFFAA

 52FF66

 B8FFC0

 39FF4F

 D2FFD7

 1FFF39

 EBFFED

 06FF22

FFFFFF

 00FF1D

Harmonies

Analogous

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



D7F264



85FF93



00FFD4

Triad

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



85FF93



00F1FF



FFAFB4

Complementary

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



85FF93



FF85F1

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.



FFACF7



85FF93



D1DAFF

Square

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



85FF93



00FFFF



FFBFFF



FFC47B

Rectangle

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



85FF93



00FFFF



FFBFFF



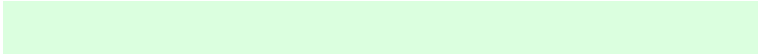
FFACC9

Sweetspot

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



85FF93



DBFFDF



F3FF85



6A806C



000000



808080

Same Dimension

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



85FF93



6EFF7E



85FFCE



738074



00BF16



004007

Inverse Universe

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



FF85F1



FF6EEE



FF85B6



80737E



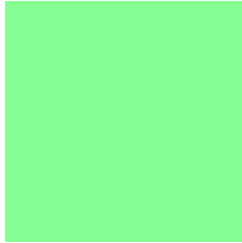
BF00A9



400038

Previews

White Background



This preview shows how the Hex color 85FF93 looks on a white background.

Color Contrast Check

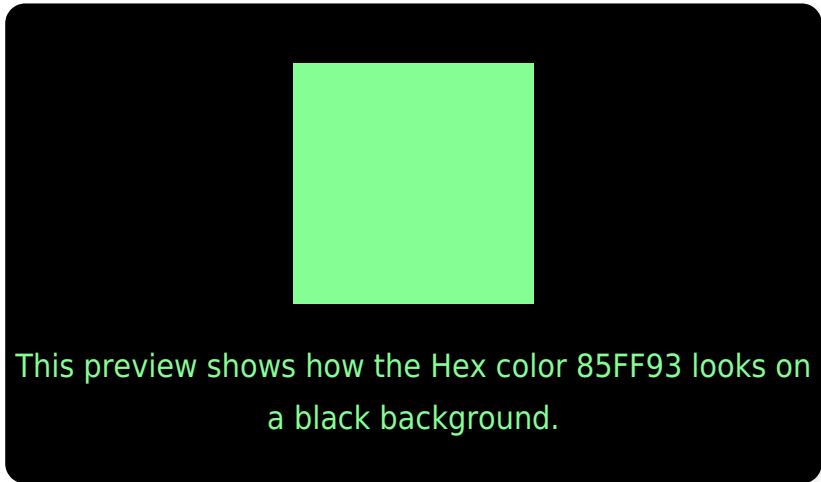
Large Text (above 18pt) WCAG AA × Fail

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

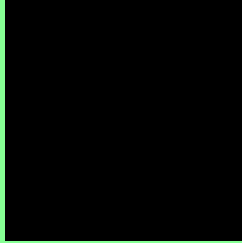
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

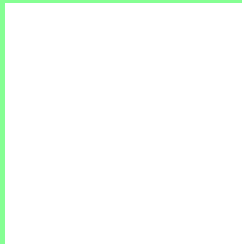
Any Text WCAG AAA ✓ Pass

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

Hex 85FF93 Background



This preview shows how black text looks on a background with the Hex color 85FF93.

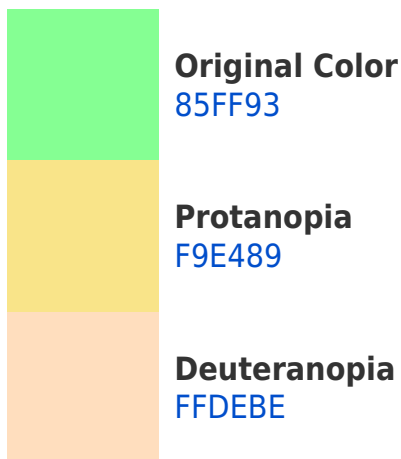


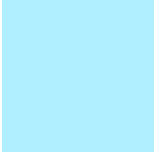
This preview shows how white text looks on a background with the Hex color 85FF93.

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
AFEFFF

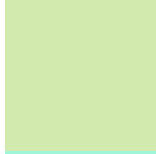
Trichromacy



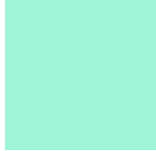
Original Color
85FF93



Protanomaly
CFEE8D

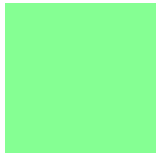


Deuteranomaly
D3EAAE

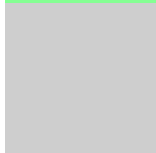


Tritanomaly
A0F5D8

Monochromacy



Original Color
85FF93



Achromatopsia
CECECE



Achromatomaly
B3E0B9

CSS Examples

Text

The CSS property to change the color of the text to Hex 85FF93 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 #85FF93 looks like.

```
.text, #text, p{  
    color:#85FF93  
}
```

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 #85FF93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85FF93  
}
```

Border

The CSS property to change the border of an element to Hex 85FF93 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  
#85FF93 }
```

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

```
.border{ border-color:#85FF93 }
```

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

Here you see how a box with a 4 pixel #85FF93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85FF93; -webkit-box-shadow:4px 4px  
4px 4px #85FF93; box-shadow:4px 4px 4px  
4px #85FF93 }
```

Background

The CSS property to change the background color of an element to Hex 85FF93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85FF93 }
```

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

```
.background{ background-color:#85FF93 }
```

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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