

Converting Colors

Hex(85FF97)

Have a look what the booklet for
Hex(85FF97) contains.

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Color

Hex(85FF97)

Conversions

Conversions Part 1

Format	Color
Hex	85FF97
RGB	133, 255, 151
RGB Percent	52%, 100%, 59%
CMY	0.4784, 0.0000, 0.4078
CMYK	0.48, 0.00, 0.41, 0.00
HSL	129°, 100%, 76%
HSV	129°, 48%, 100%
XYZ	51.0188, 78.7409, 41.7877
YIQ	206.6660, -39.3280, -58.2080

Conversions

Conversions Part 2

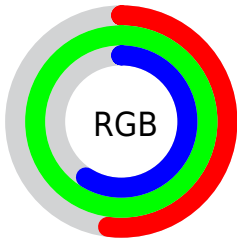
Format	Color
RYB	133, 239, 255
Decimal	8781719
CIELab	91.12, -55.36, 39.34
CIELCh	91, 67.916, 144.601
Yxy	78.7409, 0.2974, 0.4590
Android (android.graphics.Color)	4286971799 (0xFF85FF97)
YUV	206.6660, -27.4433, -64.6051
Hunter-Lab	88.7361, -52.6596, 34.1943

Details

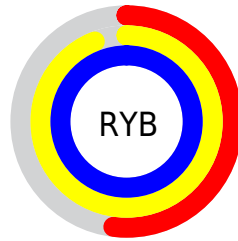
The Hex color **85FF97** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FF85ED**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **C0FFCE**, and **48C563** is the 20% darker color. If you saturate the color by 10%, you get **6CFF81**, and if you desaturate by 10%, it is **9FFFAD**.

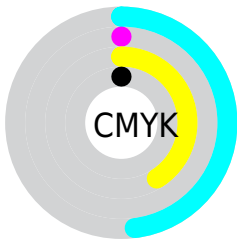
Distribution



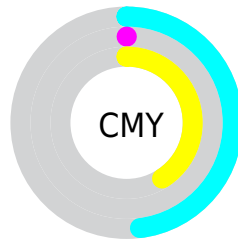
- Red (52%)
- Green (100%)
- Blue (59%)



- Red (52%)
- Yellow (94%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)



- Cyan (48%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85FF97 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 85FF97 by changing the saturation by 10% instead.

 85FF97

 85FF97

FFFFFF

 67E27C

 C0FFCE

 48C563

 DEFFEB

 23A949

 FCFFFF

 008E30

 007417

 005A00

 004100

 002B00

 000800

 85FF97

 85FF97

 6CFF81

 9FFFAD

 52FF6C

 B8FFC2

 39FF56

 D2FFD8

 1FFF40

 EBFFEE

 06FF2A

FFFFFF

 00FF26

Harmonies

Analogous

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



D6F269



85FF97



00FFD7

Triad

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



85FF97



2DF0FF



FFB1B3

Complementary

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



85FF97



FF85ED

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.



FFAEF4



85FF97



D6D9FF

Square

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



85FF97



00FFFF



FFBFFF



FFC67D

Rectangle

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



85FF97



00FFFF



FFBFFF



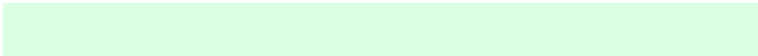
FFAEC8

Sweetspot

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



85FF97



DBFFE1



EFFF85



6A806D



000000



808080

Same Dimension

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



85FF97



6EFF83



85FFD2



738075



00BF1C



004009

Inverse Universe

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



FF85ED



FF6EEA



FF85B2



80737E



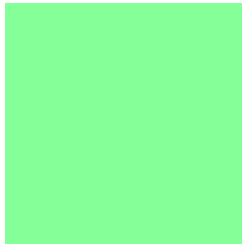
BF00A3



400036

Previews

White Background



This preview shows how the Hex color 85FF97 looks on a white background.

Color Contrast Check

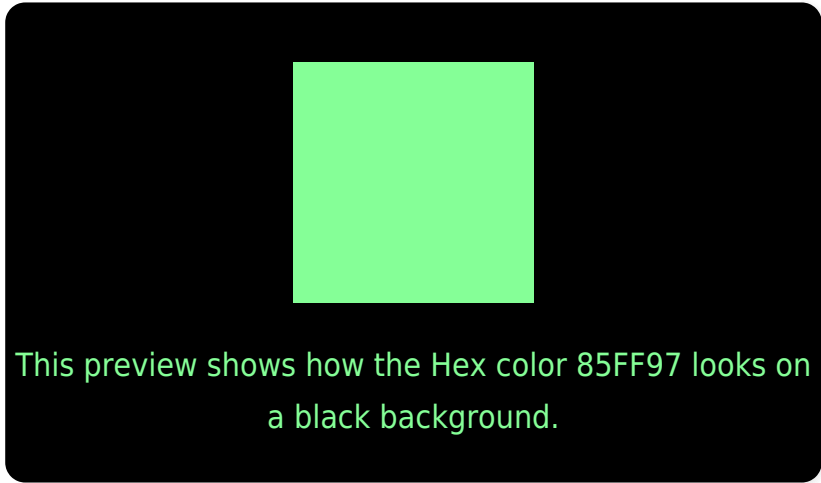
Large Text (above 18pt) WCAG AA × Fail

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

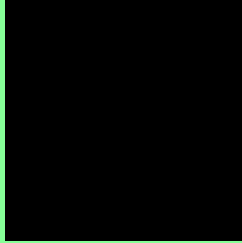
Any Text WCAG AA ✓ Pass

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 85FF97 Background



This preview shows how black text looks on a background with the Hex color 85FF97.

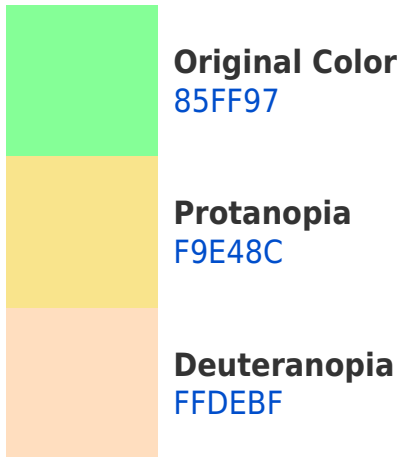


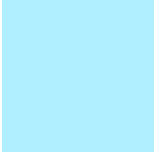
This preview shows how white text looks on a background with the Hex color 85FF97.

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

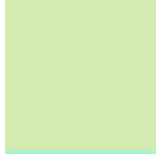
Trichromacy



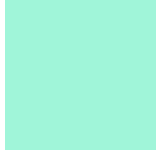
Original Color
85FF97



Protanomaly
CFEE90

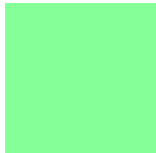


Deuteranomaly
D3EAB0

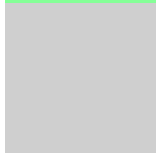


Tritanomaly
A0F5D9

Monochromacy



Original Color
85FF97



Achromatopsia
CFCFCF



Achromatomaly
B4E0BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 85FF97 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 #85FF97 looks like.

```
.text, #text, p{  
    color:#85FF97  
}
```

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 #85FF97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85FF97
}
```

Border

The CSS property to change the border of an element to Hex 85FF97 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
#85FF97 }
```

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

```
.border{ border-color:#85FF97 }
```

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

Here you see how a box with a 4 pixel #85FF97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85FF97; -webkit-box-shadow:4px 4px  
4px 4px #85FF97; box-shadow:4px 4px 4px  
4px #85FF97 }
```

Background

The CSS property to change the background color of an element to Hex 85FF97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85FF97 }
```

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

```
.background{ background-color:#85FF97 }
```

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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