

Converting Colors

Hex(85E4FF)

Have a look what the booklet for
Hex(85E4FF) contains.

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Color

Hex(85E4FF)

Conversions

Conversions Part 1

Format	Color
Hex	85E4FF
RGB	133, 228, 255
RGB Percent	52%, 89%, 100%
CMY	0.4784, 0.1059, 0.0000
CMYK	0.48, 0.11, 0.00, 0.00
HSL	193°, 100%, 76%
HSV	193°, 48%, 100%
XYZ	55.4663, 67.6934, 104.7505
YIQ	202.6730, -65.2870, -11.7430

Conversions

Conversions Part 2

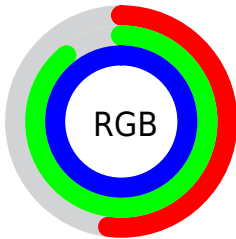
Format	Color
RYB	133, 186, 255
Decimal	8774911
CIELab	85.85, -21.19, -21.83
CIELCh	86, 30.422, 225.850
Yxy	67.6934, 0.2434, 0.2970
Android (android.graphics.Color)	4286964991 (0xFF85E4FF)
YUV	202.6730, 25.7972, -61.1032
Hunter-Lab	82.2760, -23.6473, -17.8925

Details

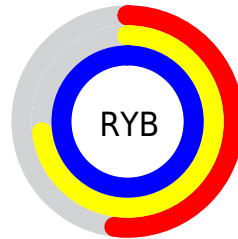
The Hex color **85E4FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA085**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **C0FFFF**, and **48ACC6** is the 20% darker color. If you saturate the color by 10%, you get **6CDEFF**, and if you desaturate by 10%, it is **9FEAFF**.

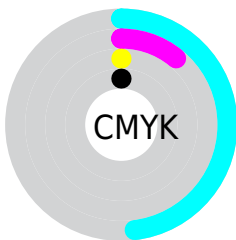
Distribution



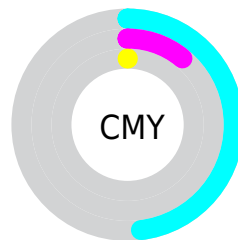
- Red (52%)
- Green (89%)
- Blue (100%)



- Red (52%)
- Yellow (73%)
- Blue (100%)



- Cyan (48%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85E4FF 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 85E4FF by changing the saturation by 10% instead.

 85E4FF

 85E4FF

FFFFFF

 67C8E2

 C0FFFF

 48ACC6

 DEFFFF

 2392AB

 FCFFFF

 007890

 005F77

 00475E

 003046

 001D30

 00011B

■ 85E4FF

■ 85E4FF

■ 6CDEFF

■ 9FEAFF

■ 52D9FF

■ B8EFFF

■ 39D3FF

■ D2F5FF

■ 1FCDFE

■ EBFBEF

■ 06C8FF

FFFFFF

■ 00C7FF

Harmonies

Analogous

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



84E7E5



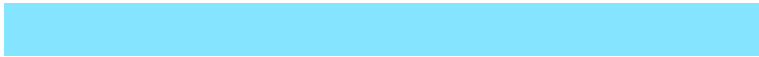
85E4FF



A1DDFF

Triad

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



85E4FF



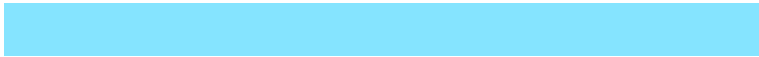
FFC3E6



DCDA9F

Complementary

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



85E4FF



FFA085

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.



F8D09F



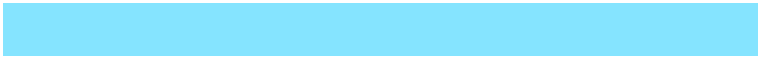
85E4FF



FFC2C8

Square

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



85E4FF



EECAFF



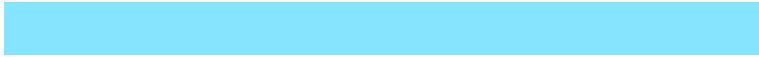
FFC7AF



BBE1AE

Rectangle

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



85E4FF



BBD7FF



FFC7AF



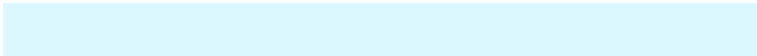
E6D79D

Sweetspot

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



85E4FF



DBF7FF



85FF9F



6A7B80



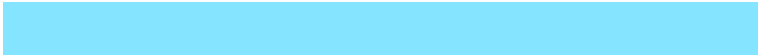
000000



808080

Same Dimension

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



85E4FF



6EDFFF



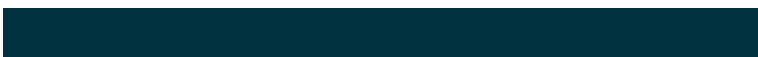
85A8FF



737D80



0095BF



003240

Inverse Universe

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



FF85E4



FF6EDF



FFDC85



80737D



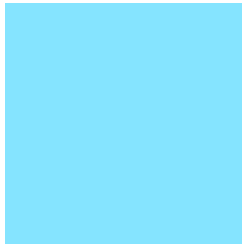
BF0095



400032

Previews

White Background



This preview shows how the Hex color 85E4FF looks on a white background.

Color Contrast Check

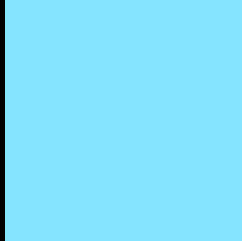
Large Text (above 18pt) WCAG AA × Fail

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 85E4FF 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 85E4FF Background



This preview shows how black text looks on a background with the Hex color 85E4FF.

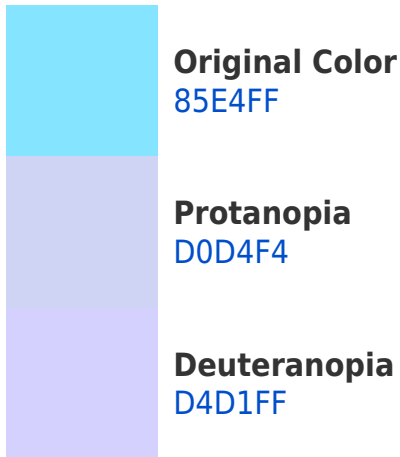


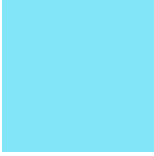
This preview shows how white text looks on a background with the Hex color 85E4FF.

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](#).

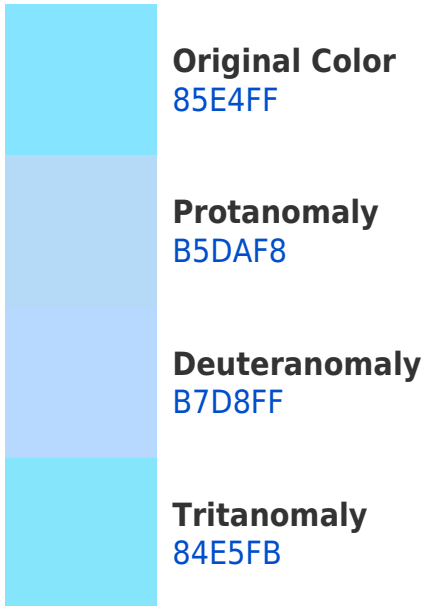
Dichromacy



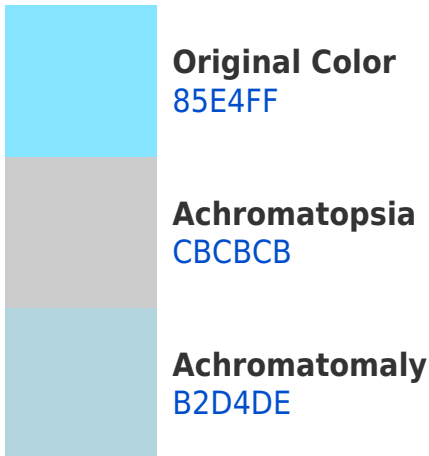


Tritanopia
83E5F8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85E4FF 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 #85E4FF looks like.

```
.text, #text, p{  
    color:#85E4FF  
}
```

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 #85E4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85E4FF
}
```

Border

The CSS property to change the border of an element to Hex 85E4FF 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
#85E4FF }
```

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

```
.border{ border-color:#85E4FF }
```

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

Here you see how a box with a 4 pixel #85E4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85E4FF; -webkit-box-shadow:4px 4px  
4px 4px #85E4FF; box-shadow:4px 4px 4px  
4px #85E4FF }
```

Background

The CSS property to change the background color of an element to Hex 85E4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85E4FF }
```

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

```
.background{ background-color:#85E4FF }
```

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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