

Converting Colors

Hex(85EEFF)

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

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Color

Hex(85EEFF)

Conversions

Conversions Part 1

Format	Color
Hex	85EEFF
RGB	133, 238, 255
RGB Percent	52%, 93%, 100%
CMY	0.4784, 0.0667, 0.0000
CMYK	0.48, 0.07, 0.00, 0.00
HSL	188°, 100%, 76%
HSV	188°, 48%, 100%
XYZ	58.2974, 73.3556, 105.6942
YIQ	208.5430, -68.0370, -16.9730

Conversions

Conversions Part 2

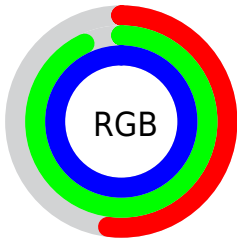
Format	Color
R_{YB}	133, 189, 255
Decimal	8777471
CIE _{Lab}	88.62, -26.11, -17.65
CIE _{LCh}	89, 31.521, 214.060
Yxy	73.3556, 0.2456, 0.3091
Android (android.graphics.Color)	4286967551 (0xFF85EEFF)
YUV	208.5430, 22.9033, -66.2512
Hunter-Lab	85.6479, -28.3854, -13.2136

Details

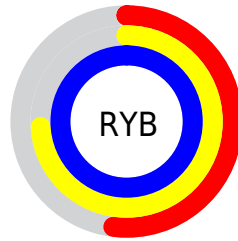
The Hex color **85EEFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FF9685**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **C0FFFF**, and **47B6C6** is the 20% darker color. If you saturate the color by 10%, you get **6CEAFF**, and if you desaturate by 10%, it is **9FF2FF**.

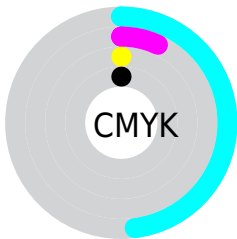
Distribution



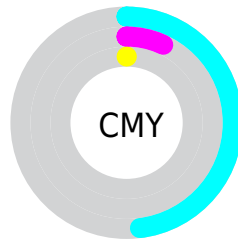
- Red (52%)
- Green (93%)
- Blue (100%)



- Red (52%)
- Yellow (74%)
- Blue (100%)



- Cyan (48%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 85EEFF

 85EEFF

FFFFFF

 67D2E2

 C0FFFF

 47B6C6

 DEFFFF

 209BAB

FDFFFF

 008190

 006777

 004F5E

 003746

 002330

 00011C

 85EEFF

 85EEFF

 6CEAFF

 9FF2FF

 52E7FF

 B8F5FF

 39E3FF

 D2F9FF

 1FE0FF

 EBFCFF

 06DCFF

FFFFFF

 00DBFF

Harmonies

Analogous

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



90EFE2



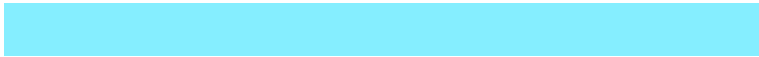
85EEFF



98E9FF

Triad

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



85EEFF



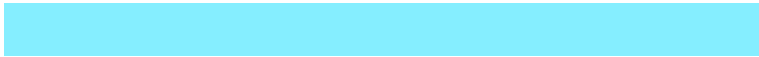
FFCCF9



F0DEA3

Complementary

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



85EEFF



FF9685

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.



FFD4A9



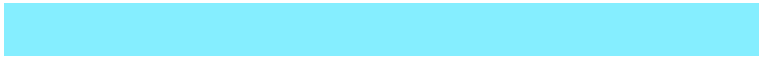
85EEFF



FFC9DB

Square

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



85EEFF



E8D5FF



FFCCBE



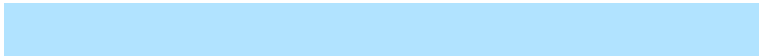
D0E7AC

Rectangle

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



85EEFF



B1E3FF



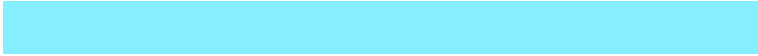
FFCCBE



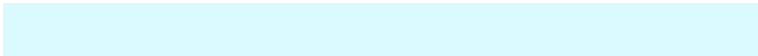
FADAA3

Sweetspot

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



85EEFF



DBFAFF



85FF95



6A7C80



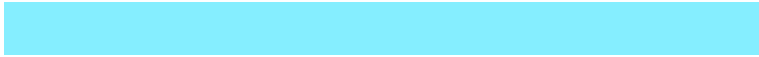
000000



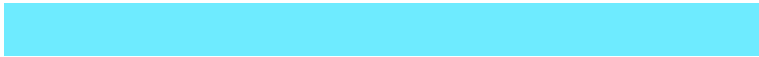
808080

Same Dimension

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



85EEFF



6EEBFF



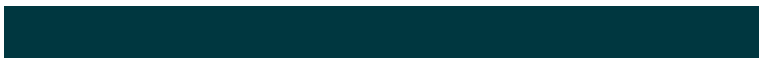
85B2FF



737E80



00A5BF



003740

Inverse Universe

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



FF85EE



FF6EEB



FFD285



80737E



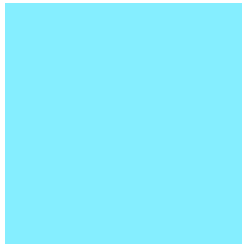
BF00A5



400037

Previews

White Background



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

Color Contrast Check

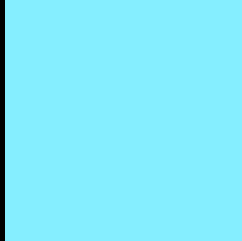
Large Text (above 18pt) WCAG AA × Fail

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 85EEFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

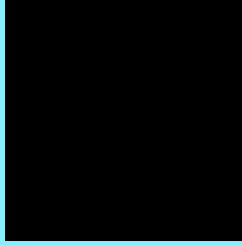
Any Text WCAG AA ✓ Pass

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 85EEFF Background



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

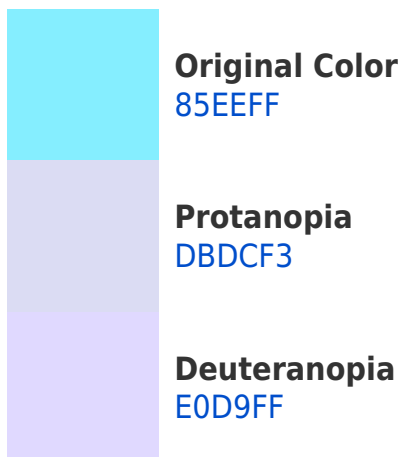


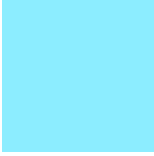
This preview shows how white text looks on a background with the Hex color 85EEFF.

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](#).

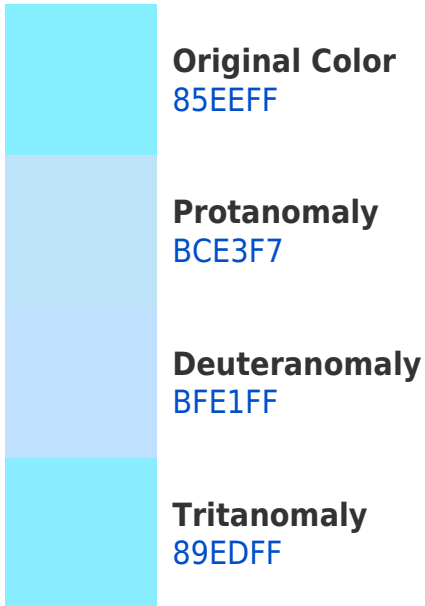
Dichromacy



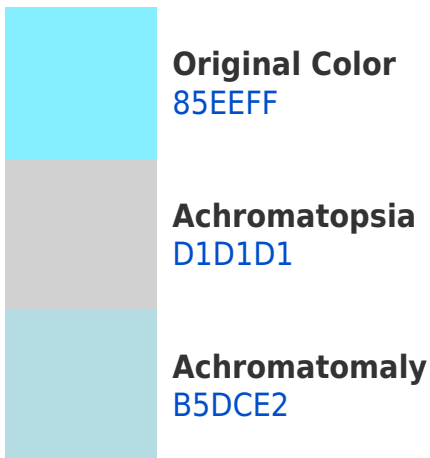


Tritanopia
8CEDFF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #85EEFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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