

Converting Colors

Hex(86CFFF)

Have a look what the booklet for
Hex(86CFFF) contains.

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Color

Hex(86CFFF)

Conversions

Conversions Part 1

Format	Color
Hex	86CFFF
RGB	134, 207, 255
RGB Percent	53%, 81%, 100%
CMY	0.4745, 0.1882, 0.0000
CMYK	0.47, 0.19, 0.00, 0.00
HSL	204°, 100%, 76%
HSV	204°, 47%, 100%
XYZ	50.1943, 56.9140, 102.9477
YIQ	190.6450, -58.9160, -0.5480

Conversions

Conversions Part 2

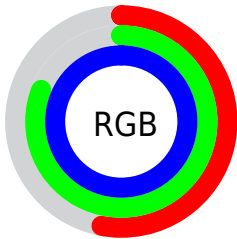
Format	Color
RYB	134, 180, 255
Decimal	8835071
CIELab	80.13, -10.21, -30.55
CIELCh	80, 32.215, 251.524
Yxy	56.9140, 0.2390, 0.2709
Android (android.graphics.Color)	4287025151 (0xFF86CFFF)
YUV	190.6450, 31.7270, -49.6777
Hunter-Lab	75.4414, -13.2587, -28.0985

Details

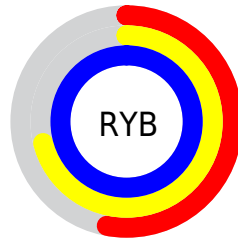
The Hex color **86CFFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFB686**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **C0FFFF**, and **4B99C6** is the 20% darker color. If you saturate the color by 10%, you get **6DC5FF**, and if you desaturate by 10%, it is **A0D9FF**.

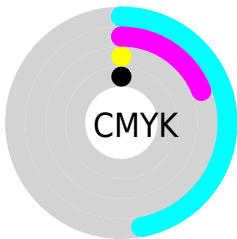
Distribution



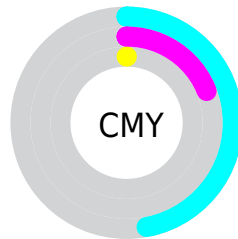
- Red (53%)
- Green (81%)
- Blue (100%)



- Red (53%)
- Yellow (71%)
- Blue (100%)



- Cyan (47%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86CFFF 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 86CFFF by changing the saturation by 10% instead.

 86CFFF

 86CFFF

FFFFFF

 69B3E2

 C0FFFF

 4B99C6

 DEFFFF

 287FAB

 FCFFFF

 006690

 004E76

 00375D

 002245

 00052F

 000119

■ 86CFFF

■ 86CFFF

■ 6DC5FF

■ A0D9FF

■ 53BBFF

■ B9E3FF

■ 3AB1FF

■ D3EDFF

■ 20A7FF

■ ECF7FF

■ 079CFF

FFFFFF

■ 009AFF

Harmonies

Analogous

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



6AD5EE



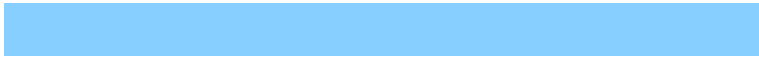
86CFFF



B1C6FF

Triad

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



86CFFF



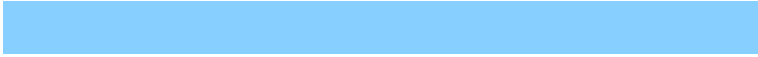
FFB1BC



AFD199

Complementary

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



86CFFF



FFB686

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.



D0C98B



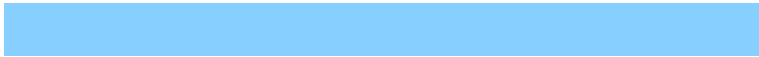
86CFFF



FFB5A0

Square

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



86CFFF



F6B3DB



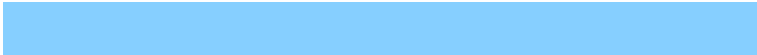
EDBE8E



8CD6B3

Rectangle

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



86CFFF



CDBEFA



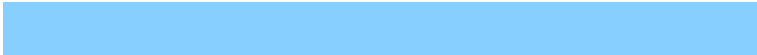
EDBE8E



BACE93

Sweetspot

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



86CFFF



DBF1FF



86FFB4



6A7780



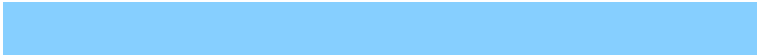
000000



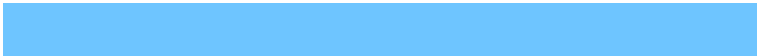
808080

Same Dimension

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



86CFFF



6EC5FF



8694FF



737A80



0073BF



002640

Inverse Universe

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



FF86CF



FF6EC5



FFF186



80737A



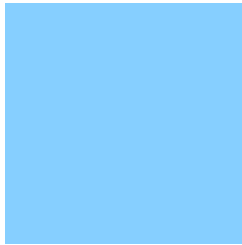
BF0073



400026

Previews

White Background



This preview shows how the Hex color 86CFFF looks on a white background.

Color Contrast Check

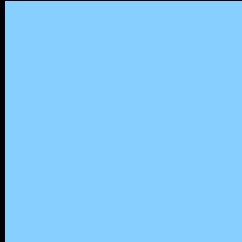
Large Text (above 18pt) WCAG AA × Fail

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 86CFFF 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

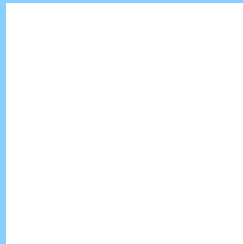
Any Text WCAG AAA ✓ Pass

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

Hex 86CFFF Background



This preview shows how black text looks on a background with the Hex color 86CFFF.

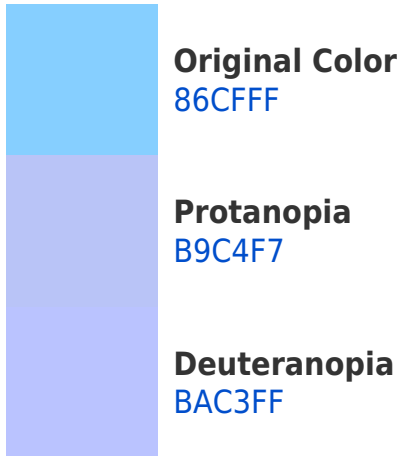


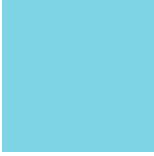
This preview shows how white text looks on a background with the Hex color 86CFFF.

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](#).

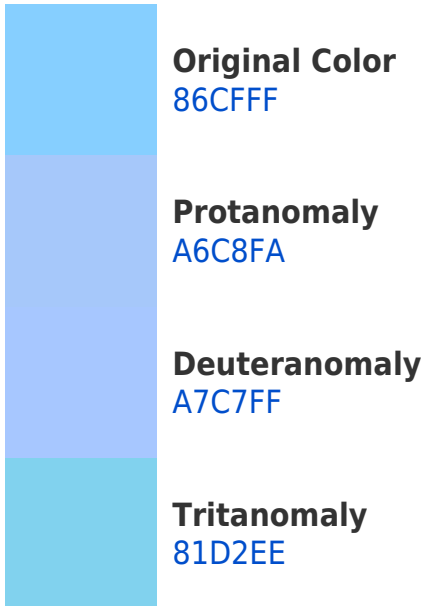
Dichromacy



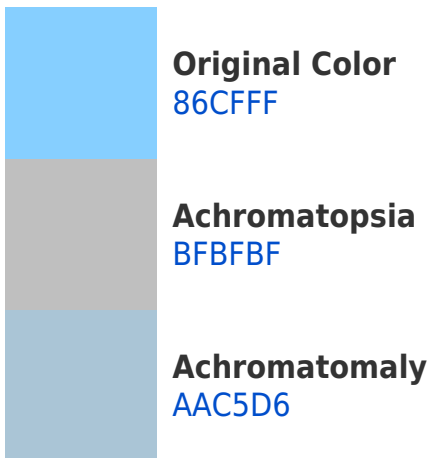


Tritanopia
7ED4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86CFFF 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 #86CFFF looks like.

```
.text, #text, p{  
    color:#86CFFF  
}
```

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 #86CFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86CFFF
}
```

Border

The CSS property to change the border of an element to Hex 86CFFF 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
#86CFFF }
```

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

```
.border{ border-color:#86CFFF }
```

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

Here you see how a box with a 4 pixel #86CFFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86CFFF; -webkit-box-shadow:4px 4px  
4px 4px #86CFFF; box-shadow:4px 4px 4px  
4px #86CFFF }
```

Background

The CSS property to change the background color of an element to Hex 86CFFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86CFFF }
```

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

```
.background{ background-color:#86CFFF }
```

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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