

Converting Colors

Hex(86CBFF)

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

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Color

Hex(86CBFF)

Conversions

Conversions Part 1

Format	Color
Hex	86CBFF
RGB	134, 203, 255
RGB Percent	53%, 80%, 100%
CMY	0.4745, 0.2039, 0.0000
CMYK	0.47, 0.20, 0.00, 0.00
HSL	206°, 100%, 76%
HSV	206°, 47%, 100%
XYZ	49.2375, 55.0002, 102.6288
YIQ	188.2970, -57.8160, 1.5440

Conversions

Conversions Part 2

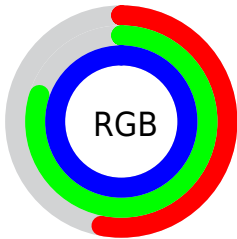
Format	Color
RYB	134, 178, 255
Decimal	8834047
CIELab	79.04, -8.10, -32.23
CIELCh	79, 33.232, 255.899
Yxy	55.0002, 0.2380, 0.2659
Android (android.graphics.Color)	4287024127 (0xFF86CBFF)
YUV	188.2970, 32.8846, -47.6185
Hunter-Lab	74.1621, -11.2746, -30.1346

Details

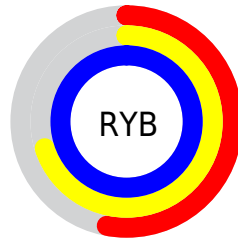
The Hex color **86CBFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFBA86**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **C0FFFF**, and **4B95C6** is the 20% darker color. If you saturate the color by 10%, you get **6DC0FF**, and if you desaturate by 10%, it is **A0D6FF**.

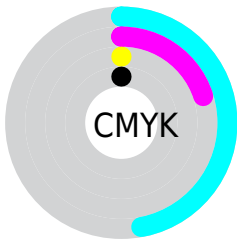
Distribution



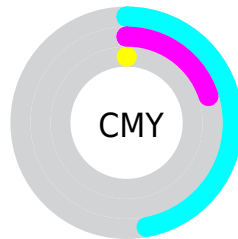
- Red (53%)
- Green (80%)
- Blue (100%)



- Red (53%)
- Yellow (70%)
- Blue (100%)



- Cyan (47%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 86CBFF

 86CBFF

FFFFFF

 69B0E2

 C0FFFF

 4B95C6

 DEFFFF

 297BAB

 FCFFFF

 006290

 004B76

 00345D

 001F45

 00042F

 000119

 86CBFF

 86CBFF

 6DC0FF

 A0D6FF

 53B5FF

 B9E1FF

 3AAAFF


 D3ECFF

 209FFF

 ECF7FF

 0794FF

FFFFFF

 0091FF

Harmonies

Analogous

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



64D2EF



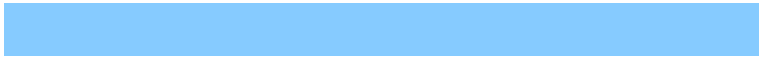
86CBFF



B4C1FF

Triad

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



86CBFF



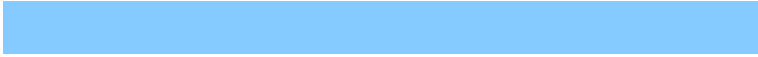
FFADB4



A6CF98

Complementary

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



86CBFF



FFBA86

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.



C9C788



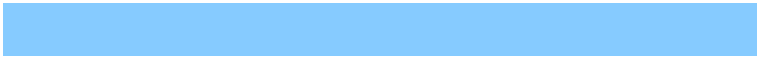
86CBFF



FBB399

Square

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



86CBFF



F8AED4



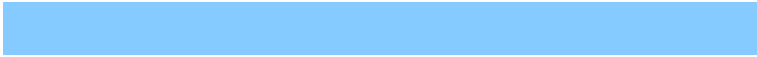
E7BD88



82D4B4

Rectangle

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



86CBFF



D0BAF6



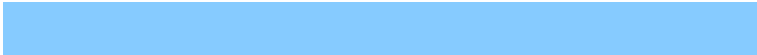
E7BD88



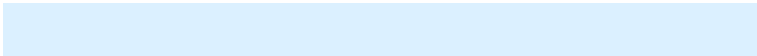
B2CD91

Sweetspot

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



86CBFF



DBF0FF



86FFB8



6A7680



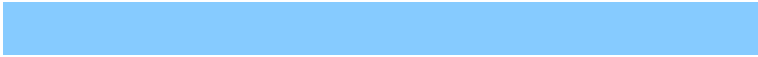
000000



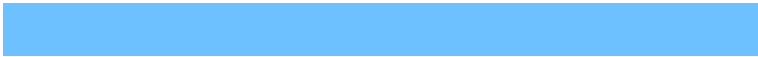
808080

Same Dimension

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



86CBFF



6EC1FF



8690FF



737A80



006DBF



002440

Inverse Universe

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



FF86CB



FF6EC1



FFF586



80737A



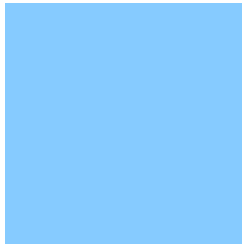
BF006D



400024

Previews

White Background



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

Color Contrast Check

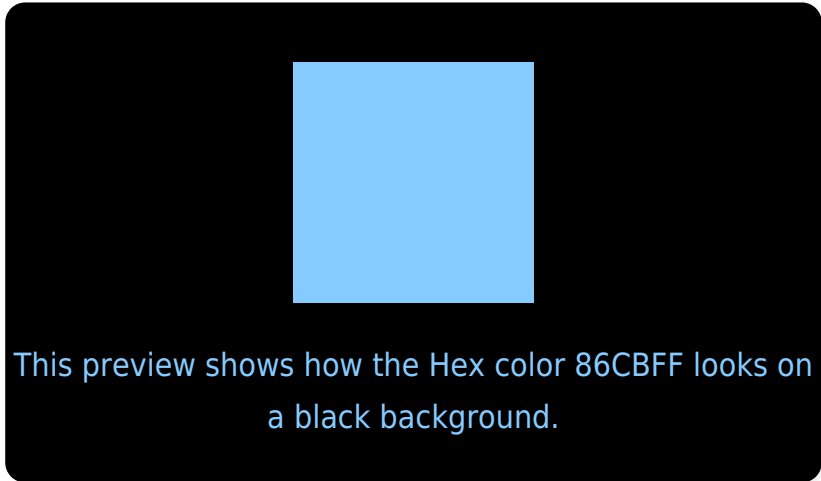
Large Text (above 18pt) WCAG AA × Fail

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 86CBFF Background



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



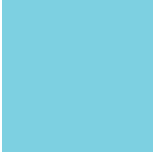
This preview shows how white text looks on a background with the Hex color 86CBFF.

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](#).

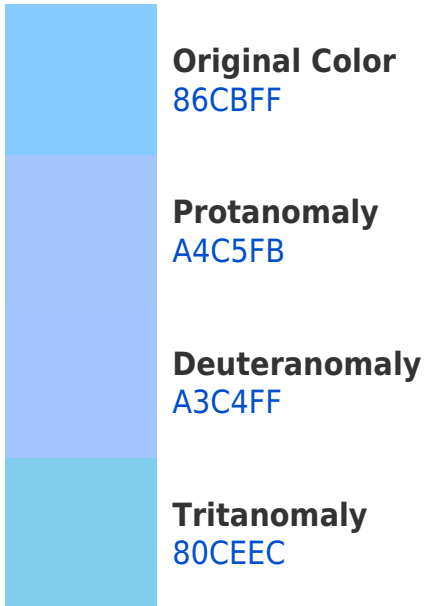
Dichromacy



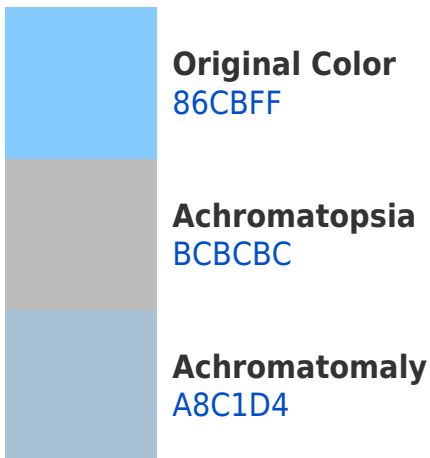


Tritanopia
7DD0E1

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #86CBFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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