

Converting Colors

Hex(86C8FF)

Have a look what the booklet for
Hex(86C8FF) contains.

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Color

Hex(86C8FF)

Conversions

Conversions Part 1

Format	Color
Hex	86C8FF
RGB	134, 200, 255
RGB Percent	53%, 78%, 100%
CMY	0.4745, 0.2157, 0.0000
CMYK	0.47, 0.22, 0.00, 0.00
HSL	207°, 100%, 76%
HSV	207°, 47%, 100%
XYZ	48.5358, 53.5969, 102.3949
YIQ	186.5360, -56.9910, 3.1130

Conversions

Conversions Part 2

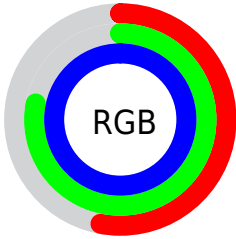
Format	Color
RYB	134, 177, 255
Decimal	8833279
CIELab	78.23, -6.50, -33.49
CIELCh	78, 34.112, 259.017
Yxy	53.5969, 0.2373, 0.2621
Android (android.graphics.Color)	4287023359 (0xFF86C8FF)
YUV	186.5360, 33.7528, -46.0741
Hunter-Lab	73.2099, -9.7776, -31.6789

Details

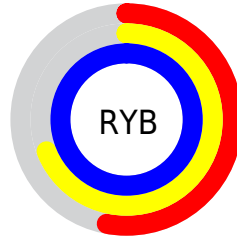
The Hex color **86C8FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFBD86**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **C0FFFF**, and **4B92C6** is the 20% darker color. If you saturate the color by 10%, you get **6DBCFF**, and if you desaturate by 10%, it is **A0D4FF**.

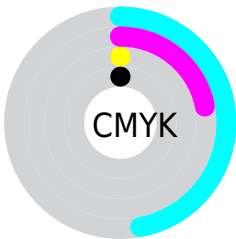
Distribution



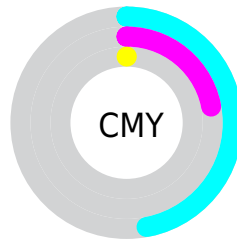
- Red (53%)
- Green (78%)
- Blue (100%)



- Red (53%)
- Yellow (69%)
- Blue (100%)



- Cyan (47%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86C8FF 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 86C8FF by changing the saturation by 10% instead.

 86C8FF

 86C8FF

FFFFFF

 69ADE2

 C0FFFF

 4B92C6

 DEFFFF

 2979AB

 FCFFFF

 006090

 004876

 00325D

 001E45

 00042F

 000119

 86C8FF

 86C8FF

 6DBCFF

 A0D4FF

 53B1FF

 B9DFFF

 3AA5FF

 D3EBFF

 209AFF

 ECF6FF

 078EFF

FFFFFF

 008BFF

Harmonies

Analogous

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



60CFF0



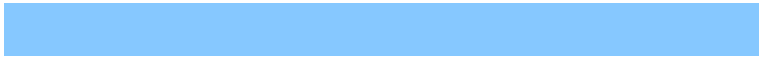
86C8FF



B6BDFD

Triad

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



86C8FF



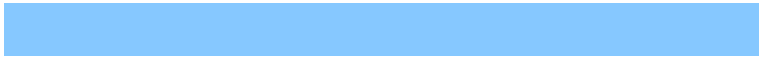
FFAAAE



9FCE97

Complementary

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



86C8FF



FFBD86

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.



C3C685



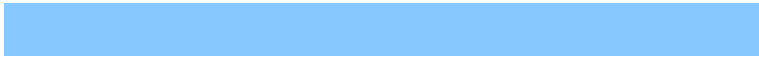
86C8FF



F8B193

Square

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



86C8FF



F8ABCE



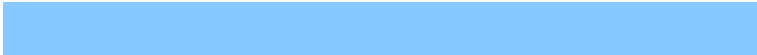
E2BB84



7AD2B4

Rectangle

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



86C8FF



D2B6F3



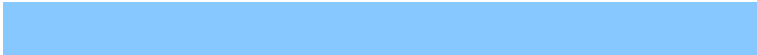
E2BB84



ABCB8F

Sweetspot

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



86C8FF



DBEFFF



86FFBC



6A7680



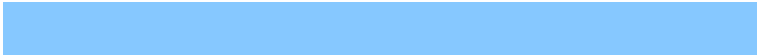
000000



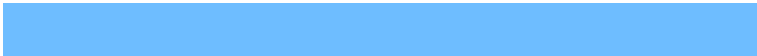
808080

Same Dimension

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



86C8FF



6EBDFF



868CFF



737A80



0068BF



002340

Inverse Universe

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



FF86C8



FF6EBD



FFF986



80737A



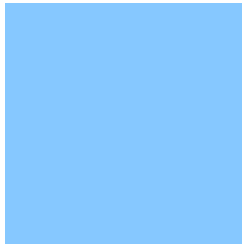
BF0068



400023

Previews

White Background



This preview shows how the Hex color 86C8FF looks on a white background.

Color Contrast Check

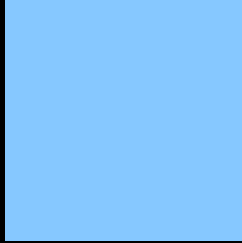
Large Text (above 18pt) WCAG AA × Fail

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 86C8FF 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

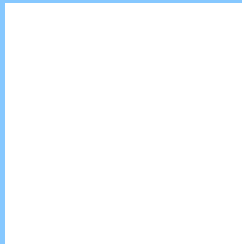
Any Text WCAG AAA ✓ Pass

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

Hex 86C8FF Background



This preview shows how black text looks on a background with the Hex color 86C8FF.



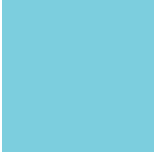
This preview shows how white text looks on a background with the Hex color 86C8FF.

Color Blindness Simulation

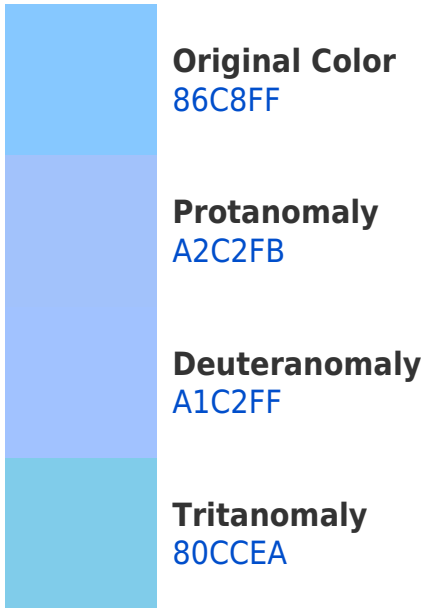
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

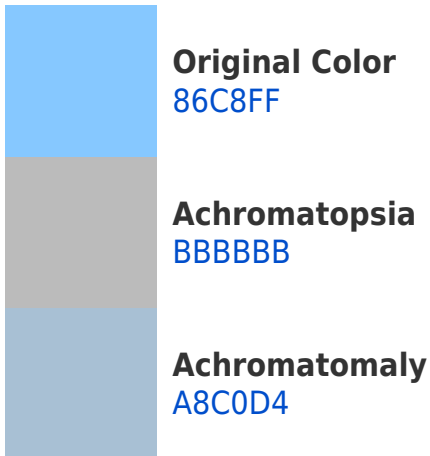




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86C8FF 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 #86C8FF looks like.

```
.text, #text, p{  
    color:#86C8FF  
}
```

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 #86C8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C8FF
}
```

Border

The CSS property to change the border of an element to Hex 86C8FF 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
#86C8FF }
```

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

```
.border{ border-color:#86C8FF }
```

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

Here you see how a box with a 4 pixel #86C8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C8FF; -webkit-box-shadow:4px 4px  
4px 4px #86C8FF; box-shadow:4px 4px 4px  
4px #86C8FF }
```

Background

The CSS property to change the background color of an element to Hex 86C8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C8FF }
```

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

```
.background{ background-color:#86C8FF }
```

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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