

Converting Colors

Hex(84CBFF)

Have a look what the booklet for
Hex(84CBFF) contains.

| | |
|------------------------------------------------|----|
| Hex(84CBFF) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(84CBFF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 84CBFF |
| RGB | 132, 203, 255 |
| RGB Percent | 52%, 80%, 100% |
| CMY | 0.4824, 0.2039, 0.0000 |
| CMYK | 0.48, 0.20, 0.00, 0.00 |
| HSL | 205°, 100%, 76% |
| HSV | 205°, 48%, 100% |
| XYZ | 48.9217, 54.8374, 102.6140 |
| YIQ | 187.6990, -59.0080, 1.1200 |

Conversions

Conversions Part 2

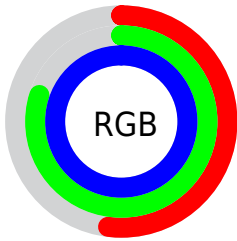
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 132, 177, 255 |
| Decimal | 8702975 |
| CIELab | 78.95, -8.55, -32.38 |
| CIELCh | 79, 33.493, 255.206 |
| Yxy | 54.8374, 0.2371, 0.2657 |
| Android (android.graphics.Color) | 4286893055 (0xFF84CBFF) |
| YUV | 187.6990, 33.1794, -48.8480 |
| Hunter-Lab | 74.0523, -11.6678, -30.3213 |

Details

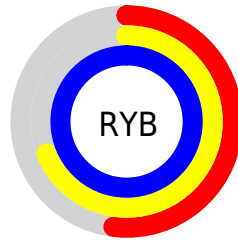
The Hex color **84CBFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFB884**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **BEFFFF**, and **4895C6** is the 20% darker color. If you saturate the color by 10%, you get **6BC0FF**, and if you desaturate by 10%, it is **9ED6FF**.

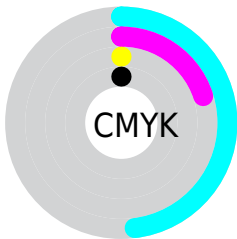
Distribution



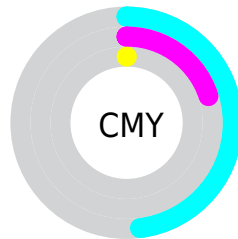
- Red (52%)
- Green (80%)
- Blue (100%)



- Red (52%)
- Yellow (69%)
- Blue (100%)



- Cyan (48%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84CBFF 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 84CBFF by changing the saturation by 10% instead.

 84CBFF

 84CBFF

FFFFFF

 67B0E2

 BEFFFF

 4895C6

 DCFFFF

 257BAB


 FAFFFF

 006290

 004B76

 00345D

 001F45

 00042F

 000119

 84CBFF

 84CBFF

 6BC0FF

 9ED6FF

 51B5FF

 B7E1FF

 38ABFF

 D1EBFF

 1EA0FF

 EAF6FF

 0595FF

FFFFFF

 0093FF

Harmonies

Analogous

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



62D2EF



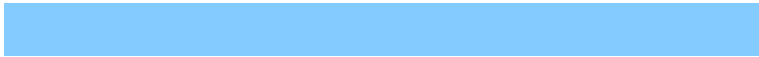
84CBFF



B2C1FF

Triad

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



84CBFF



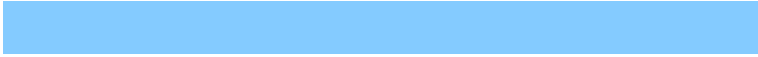
FFADB5



A6CF97

Complementary

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



84CBFF



FFB884

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.



C9C787



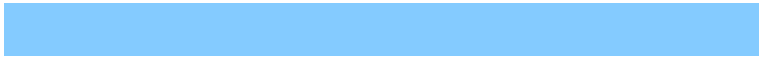
84CBFF



FCB299

Square

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



84CBFF



F7AED4



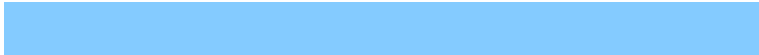
E7BC88



82D4B3

Rectangle

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



84CBFF



CFBAF6



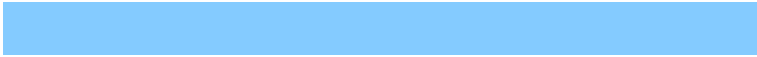
E7BC88



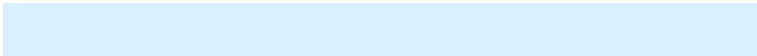
B2CC90

Sweetspot

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



84CBFF



DBF0FF



84FFB7



6A7680



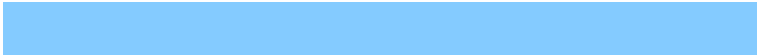
000000



808080

Same Dimension

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



84CBFF



6BC0FF



848EFF



737A80



006EBF



002540

Inverse Universe

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



FF84CB



FF6BC0



FFF584



80737A



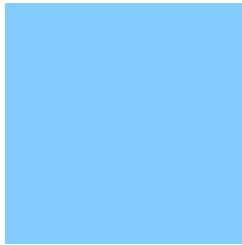
BF006E



400025

Previews

White Background



This preview shows how the Hex color 84CBFF looks on a white background.

Color Contrast Check

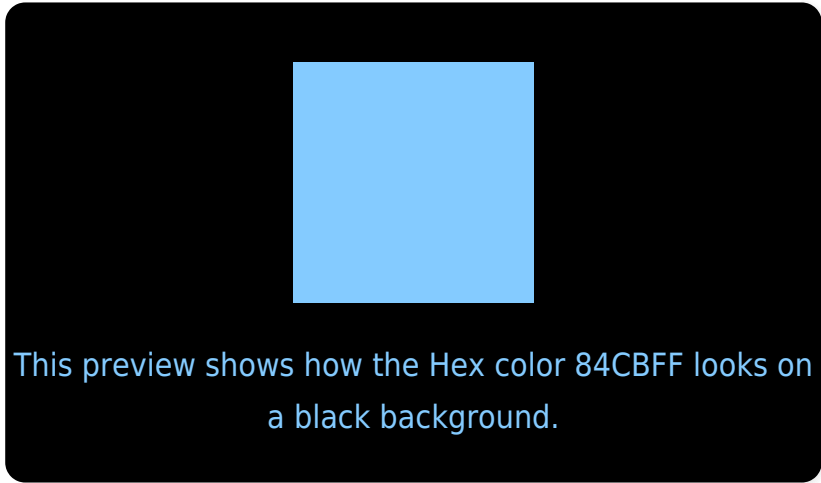
Large Text (above 18pt) WCAG AA × Fail

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

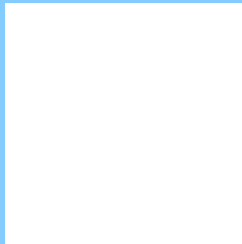
Any Text WCAG AAA ✓ Pass

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

Hex 84CBFF Background



This preview shows how black text looks on a background with the Hex color 84CBFF.



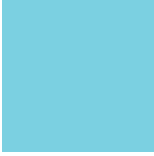
This preview shows how white text looks on a background with the Hex color 84CBFF.

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](#).

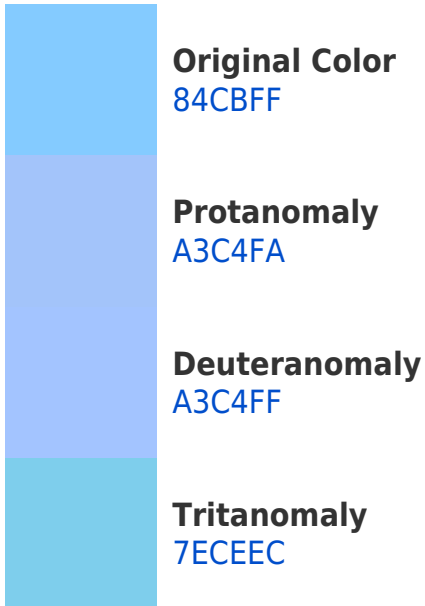
Dichromacy



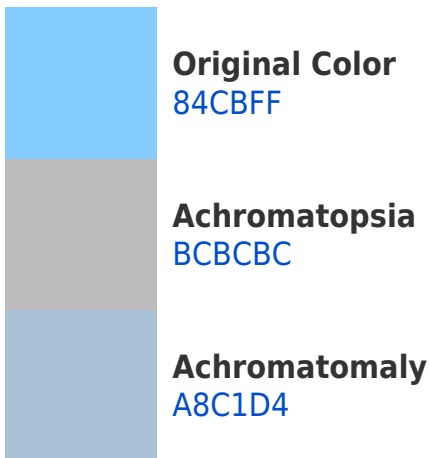


Tritanopia
7BD0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84CBFF 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 #84CBFF looks like.

```
.text, #text, p{  
    color:#84CBFF  
}
```

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 #84CBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84CBFF
}
```

Border

The CSS property to change the border of an element to Hex 84CBFF 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
#84CBFF }
```

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

```
.border{ border-color:#84CBFF }
```

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

Here you see how a box with a 4 pixel #84CBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84CBFF; -webkit-box-shadow:4px 4px  
4px 4px #84CBFF; box-shadow:4px 4px 4px  
4px #84CBFF }
```

Background

The CSS property to change the background color of an element to Hex 84CBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84CBFF }
```

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

```
.background{ background-color:#84CBFF }
```

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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