

Converting Colors

Hex(83DBFF)

Have a look what the booklet for
Hex(83DBFF) contains.

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Color

Hex(83DBFF)

Conversions

Conversions Part 1

Format	Color
Hex	83DBFF
RGB	131, 219, 255
RGB Percent	51%, 86%, 100%
CMY	0.4863, 0.1412, 0.0000
CMYK	0.49, 0.14, 0.00, 0.00
HSL	197°, 100%, 76%
HSV	197°, 49%, 100%
XYZ	52.7416, 62.7083, 103.9319
YIQ	196.7920, -64.0040, -7.4600

Conversions

Conversions Part 2

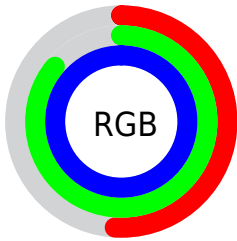
Format	Color
RYB	131, 182, 255
Decimal	8641535
CIELab	83.29, -17.09, -25.73
CIELCh	83, 30.895, 236.404
Yxy	62.7083, 0.2404, 0.2858
Android (android.graphics.Color)	4286831615 (0xFF83DBFF)
YUV	196.7920, 28.6965, -57.6996
Hunter-Lab	79.1886, -19.6946, -22.3838

Details

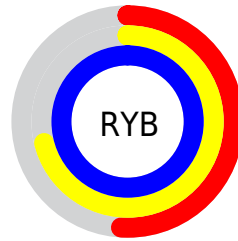
The Hex color **83DBFF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA783**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **BEFFFF**, and **46A4C6** is the 20% darker color. If you saturate the color by 10%, you get **6AD4FF**, and if you desaturate by 10%, it is **9CE2FF**.

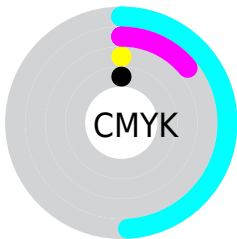
Distribution



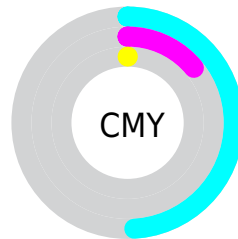
- Red (51%)
- Green (86%)
- Blue (100%)



- Red (51%)
- Yellow (71%)
- Blue (100%)



- Cyan (49%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83DBFF 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 83DBFF by changing the saturation by 10% instead.

 83DBFF

 83DBFF

FFFFFF

 65BFE2

 BEFFFF

 46A4C6

 DCFFFF

 208AAB

 FAFFFF

 007090

 005876

 00405E

 002A46

 00162F

 00011A

 83DBFF

 83DBFF

 6AD4FF

 9CE2FF

 50CCFF

 B6EAFF

 37C5FF

 D0F1FF

 1DBDFF

 E9F9FF

 04B6FF

FFFFFF

 00B5FF

Harmonies

Analogous

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



78DFE8



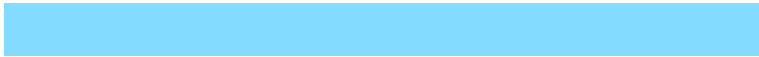
83DBFF



A6D3FF

Triad

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



83DBFF



FFBBD4



C9D69B

Complementary

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



83DBFF



FFA783

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.



E8CC96



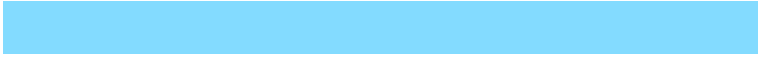
83DBFF



FFBCB7

Square

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



83DBFF



F2C0F0



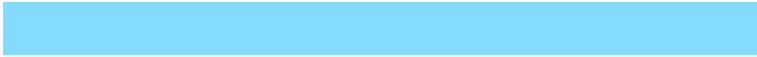
FFC3A0



A8DCAF

Rectangle

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



83DBFF



C2CDFF



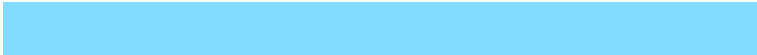
FFC3A0



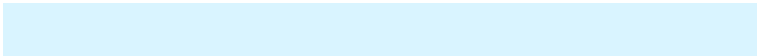
D4D397

Sweetspot

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



83DBFF



D9F4FF



83FFA6



697980



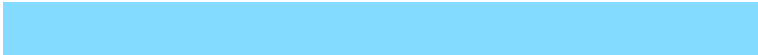
000000



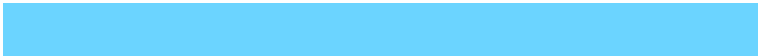
808080

Same Dimension

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



83DBFF



6BD4FF



839EFF



737C80



0088BF



002D40

Inverse Universe

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



FF83DB



FF6BD4



FFE483



80737C



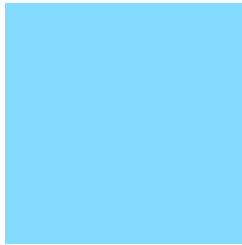
BF0088



40002D

Previews

White Background



This preview shows how the Hex color 83DBFF looks on a white background.

Color Contrast Check

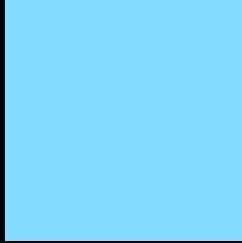
Large Text (above 18pt) WCAG AA × Fail

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 83DBFF 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 83DBFF Background



This preview shows how black text looks on a background with the Hex color 83DBFF.

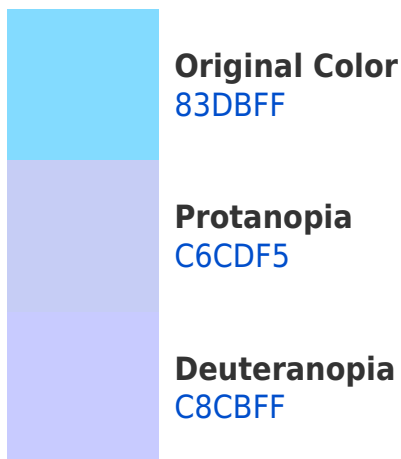


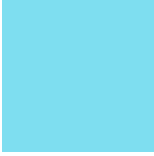
This preview shows how white text looks on a background with the Hex color 83DBFF.

Color Blindness Simulation

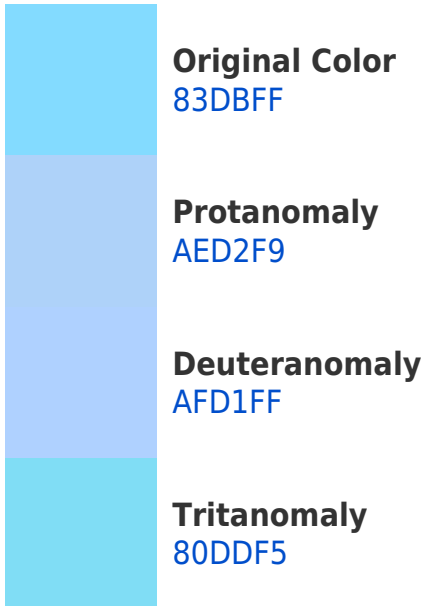
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

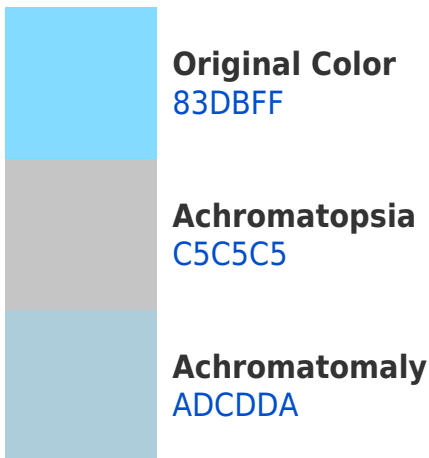




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83DBFF 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 #83DBFF looks like.

```
.text, #text, p{  
    color:#83DBFF  
}
```

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 #83DBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83DBFF
}
```

Border

The CSS property to change the border of an element to Hex 83DBFF 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
#83DBFF }
```

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

```
.border{ border-color:#83DBFF }
```

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

Here you see how a box with a 4 pixel #83DBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83DBFF; -webkit-box-shadow:4px 4px  
4px 4px #83DBFF; box-shadow:4px 4px 4px  
4px #83DBFF }
```

Background

The CSS property to change the background color of an element to Hex 83DBFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83DBFF }
```

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

```
.background{ background-color:#83DBFF }
```

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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