

Converting Colors

Hex(83DFF8)

Have a look what the booklet for
Hex(83DFF8) contains.

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Color

Hex(83DFF8)

Conversions

Conversions Part 1

Format	Color
Hex	83DFF8
RGB	131, 223, 248
RGB Percent	51%, 87%, 97%
CMY	0.4863, 0.1255, 0.0275
CMYK	0.47, 0.10, 0.00, 0.03
HSL	193°, 89%, 74%
HSV	193°, 47%, 97%
XYZ	52.6910, 64.3780, 98.4560
YIQ	198.3420, -62.8570, -11.7290

Conversions

Conversions Part 2

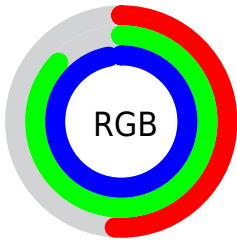
Format	Color
R_{YB}	131, 183, 248
Decimal	8642552
CIE _{Lab}	84.16, -20.99, -20.71
CIE _{LCh}	84, 29.486, 224.610
Yxy	64.3780, 0.2445, 0.2987
Android (android.graphics.Color)	4286832632 (0xFF83DFF8)
YUV	198.3420, 24.4814, -59.0589
Hunter-Lab	80.2359, -23.1916, -16.5886

Details

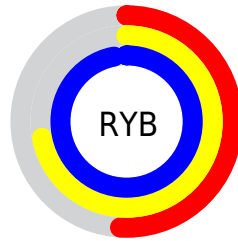
The Hex color **83DFF8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F89C83**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **BEFFFF**, and **47A8C0** is the 20% darker color. If you saturate the color by 10%, you get **6ADAF8**, and if you desaturate by 10%, it is **9CE4F8**.

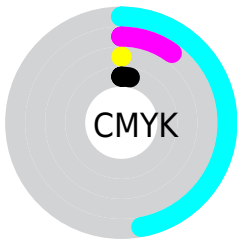
Distribution



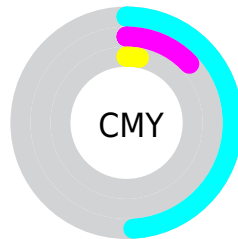
- Red (51%)
- Green (87%)
- Blue (97%)



- Red (51%)
- Yellow (72%)
- Blue (97%)



- Cyan (47%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)



- Cyan (49%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83DFF8 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 83DFF8 by changing the saturation by 10% instead.

 83DFF8

 83DFF8

FFFFFF

 66C3DB

 BEFFFF

 47A8C0

 DBFFFF

 228DA4

 F9FFFF

 00738A

 005B71

 004358

 002C41

 00192A

 000116

 83DFF8

 83DFF8

 6ADAF8

 9CE4F8

 51D4F8

 B5EAF8

 39CFF8

 CDEFF8

 20CAF8

 E6F4F8

 07C5F8

 FFF9F8

 00C3F8

 FFFFF8

Harmonies

Analogous

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



84E2DF



83DFF8



9DD9FF

Triad

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



83DFF8



FFBFE1



D8D49C

Complementary

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



83DFF8



F89C83

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.



F3CB9D



83DFF8



FFBEC5

Square

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



83DFF8



E7C6FA



FFC3AC



B9DCAA

Rectangle

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



83DFF8



B6D3FF



FFC3AC



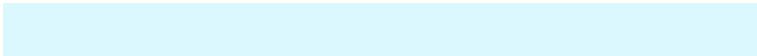
E2D29B

Sweetspot

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



83DFF8



DBF7FF



83F89A



6A7B80



000000



808080

Same Dimension

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



83DFF8



6EE0FF



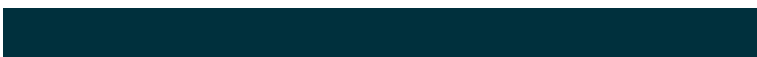
83A6F8



707A7D



0094BD



00303D

Inverse Universe

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



F883DF



FF6EE0



F8D583



7D707A



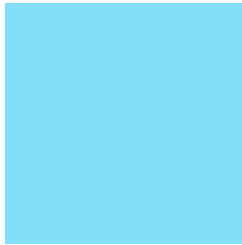
BD0094



3D0030

Previews

White Background



This preview shows how the Hex color 83DFF8 looks on a white background.

Color Contrast Check

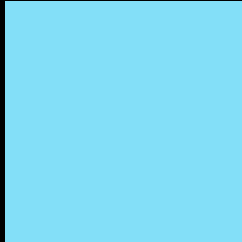
Large Text (above 18pt) WCAG AA × Fail

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 83DFF8 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 83DFF8 Background



This preview shows how black text looks on a background with the Hex color 83DFF8.

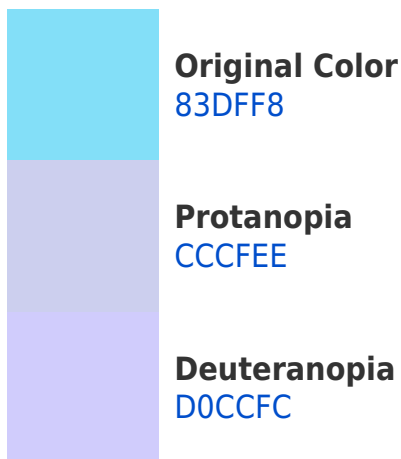


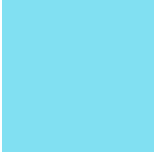
This preview shows how white text looks on a background with the Hex color 83DFF8.

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](#).

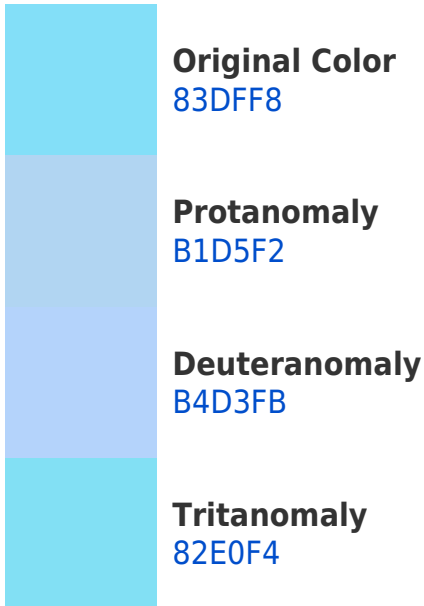
Dichromacy



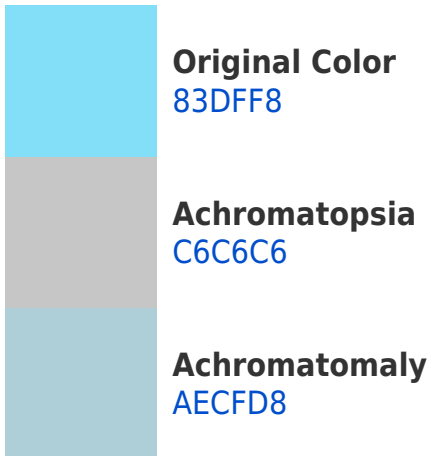


Tritanopia
81E0F2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83DFF8 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 #83DFF8 looks like.

```
.text, #text, p{  
    color:#83DFF8  
}
```

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 #83DFF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83DFF8  
}
```

Border

The CSS property to change the border of an element to Hex 83DFF8 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  
#83DFF8 }
```

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

```
.border{ border-color:#83DFF8 }
```

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

Here you see how a box with a 4 pixel #83DFF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83DFF8; -webkit-box-shadow:4px 4px  
4px 4px #83DFF8; box-shadow:4px 4px 4px  
4px #83DFF8 }
```

Background

The CSS property to change the background color of an element to Hex 83DFF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83DFF8 }
```

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

```
.background{ background-color:#83DFF8 }
```

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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