

Converting Colors

Hex(83D9FF)

Have a look what the booklet for
Hex(83D9FF) contains.

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Color

Hex(83D9FF)

Conversions

Conversions Part 1

Format	Color
Hex	83D9FF
RGB	131, 217, 255
RGB Percent	51%, 85%, 100%
CMY	0.4863, 0.1490, 0.0000
CMYK	0.49, 0.15, 0.00, 0.00
HSL	198°, 100%, 76%
HSV	198°, 49%, 100%
XYZ	52.2229, 61.6710, 103.7590
YIQ	195.6180, -63.4540, -6.4140

Conversions

Conversions Part 2

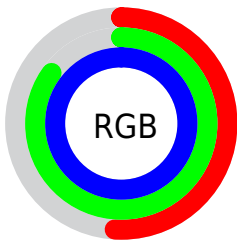
Format	Color
RYB	131, 182, 255
Decimal	8641023
CIELab	82.74, -16.07, -26.57
CIELCh	83, 31.057, 238.833
Yxy	61.6710, 0.2399, 0.2833
Android (android.graphics.Color)	4286831103 (0xFF83D9FF)
YUV	195.6180, 29.2753, -56.6700
Hunter-Lab	78.5309, -18.7268, -23.3653

Details

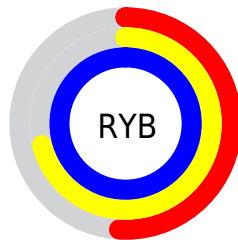
The Hex color **83D9FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA983**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **BEFFFF**, and **46A2C6** is the 20% darker color. If you saturate the color by 10%, you get **6AD1FF**, and if you desaturate by 10%, it is **9CE1FF**.

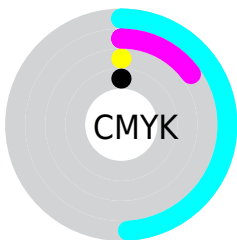
Distribution



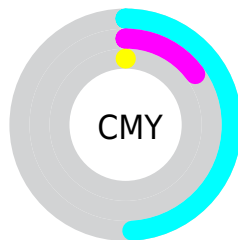
- Red (51%)
- Green (85%)
- Blue (100%)



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



- Cyan (49%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83D9FF 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 83D9FF by changing the saturation by 10% instead.

 83D9FF

 83D9FF

FFFFFF

 65BDE2

 BEFFFF

 46A2C6

 DBFFFF

 2188AB

 FAFFFF

 006E90

 005676

 003F5E

 002946

 00142F

 00011A

■ 83D9FF

■ 83D9FF

■ 6AD1FF

■ 9CE1FF

■ 50C9FF

■ B6E9FF

■ 37C2FF

■ D0F0FF

■ 1DBAFF

■ E9F8FF

■ 04B2FF

FFFFFF

■ 00B1FF

Harmonies

Analogous

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



75DEE9



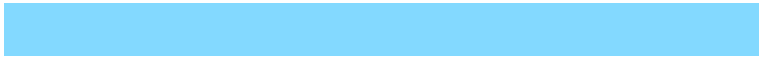
83D9FF



A8D1FF

Triad

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



83D9FF



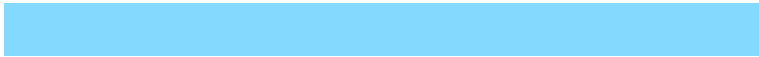
FFB9D0



C5D59A

Complementary

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



83D9FF



FFA983

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.



E4CC94



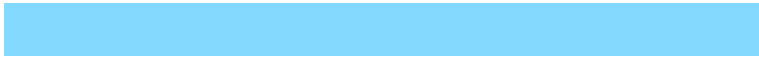
83D9FF



FFBBB3

Square

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



83D9FF



F2BEED



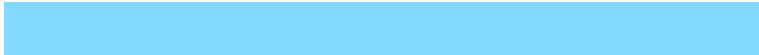
FCC29D



A4DBAF

Rectangle

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



83D9FF



C4CAFF



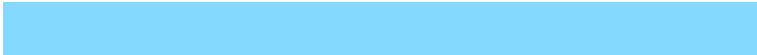
FCC29D



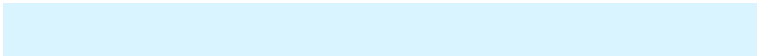
D0D296

Sweetspot

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



83D9FF



D9F3FF



83FFA8



697880



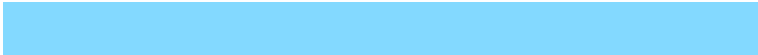
000000



808080

Same Dimension

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



83D9FF



6BD2FF



839CFF



737C80



0085BF



002C40

Inverse Universe

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



FF83D9



FF6BD2



FFE683



80737C



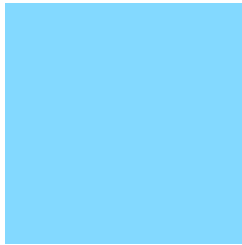
BF0085



40002C

Previews

White Background



This preview shows how the Hex color 83D9FF looks on a white background.

Color Contrast Check

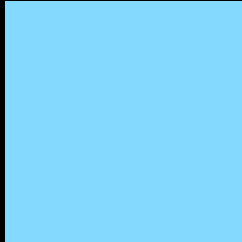
Large Text (above 18pt) WCAG AA × Fail

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 83D9FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

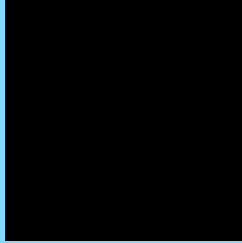
Any Text WCAG AA ✓ Pass

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 83D9FF Background



This preview shows how black text looks on a background with the Hex color 83D9FF.

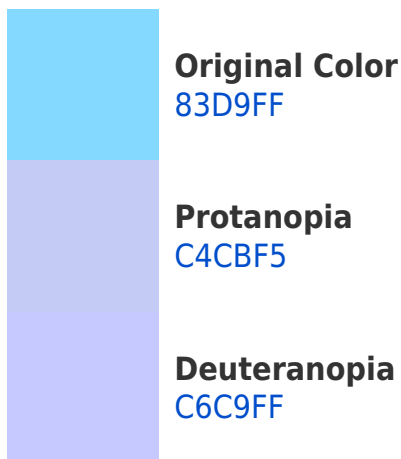


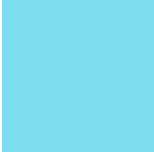
This preview shows how white text looks on a background with the Hex color 83D9FF.

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](#).

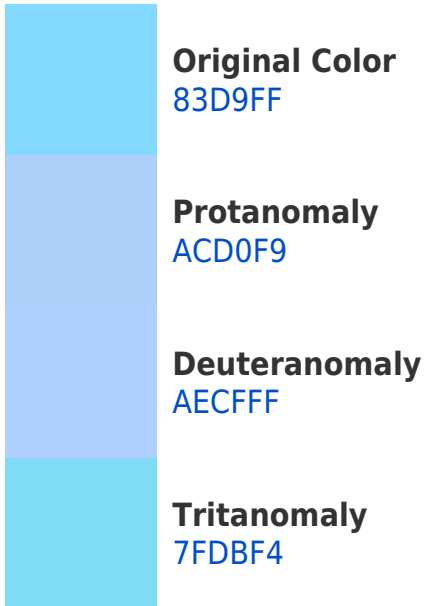
Dichromacy



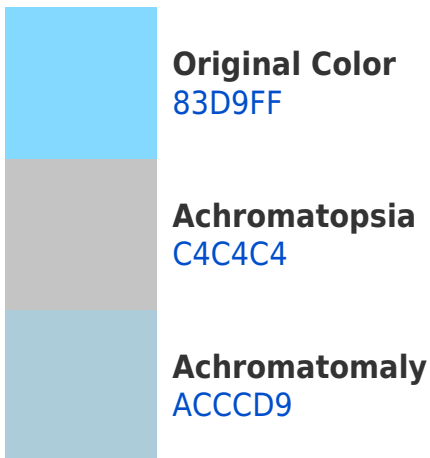


Tritanopia
7DDCEE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83D9FF 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 #83D9FF looks like.

```
.text, #text, p{  
    color:#83D9FF  
}
```

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 #83D9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D9FF
}
```

Border

The CSS property to change the border of an element to Hex 83D9FF 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
#83D9FF }
```

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

```
.border{ border-color:#83D9FF }
```

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

Here you see how a box with a 4 pixel #83D9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D9FF; -webkit-box-shadow:4px 4px  
4px 4px #83D9FF; box-shadow:4px 4px 4px  
4px #83D9FF }
```

Background

The CSS property to change the background color of an element to Hex 83D9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D9FF }
```

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

```
.background{ background-color:#83D9FF }
```

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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