

Converting Colors

Hex(83C9FF)

Have a look what the booklet for
Hex(83C9FF) contains.

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Color

Hex(83C9FF)

Conversions

Conversions Part 1

Format	Color
Hex	83C9FF
RGB	131, 201, 255
RGB Percent	51%, 79%, 100%
CMY	0.4863, 0.2118, 0.0000
CMYK	0.49, 0.21, 0.00, 0.00
HSL	206°, 100%, 76%
HSV	206°, 49%, 100%
XYZ	48.2967, 53.8186, 102.4503
YIQ	186.2260, -59.0540, 1.9540

Conversions

Conversions Part 2

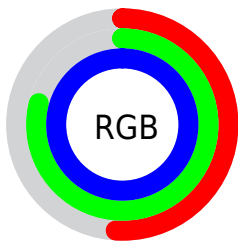
Format	Color
R_{YB}	131, 176, 255
Decimal	8636927
CIE _{Lab}	78.36, -7.72, -33.30
CIE _{LCh}	78, 34.181, 256.955
Yxy	53.8186, 0.2361, 0.2631
Android (android.graphics.Color)	4286827007 (0xFF83C9FF)
YUV	186.2260, 33.9056, -48.4332
Hunter-Lab	73.3611, -10.8680, -31.4468

Details

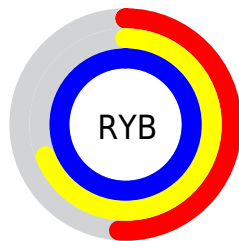
The Hex color **83C9FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFB983**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BDFFFF**, and **4793C6** is the 20% darker color. If you saturate the color by 10%, you get **6ABEFF**, and if you desaturate by 10%, it is **9CD4FF**.

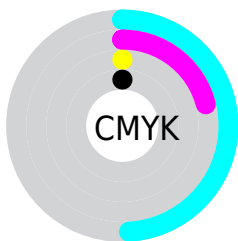
Distribution



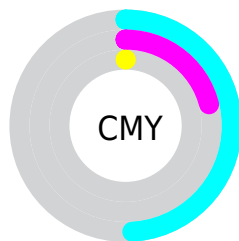
- Red (51%)
- Green (79%)
- Blue (100%)



- Red (51%)
- Yellow (69%)
- Blue (100%)



- Cyan (49%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83C9FF 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 83C9FF by changing the saturation by 10% instead.

 83C9FF

 83C9FF

FFFFFF

 66AEE2

 BDFFFF

 4793C6

 DBFFFF

 2379AB

 F9FFFF

 006190

 004976

 00335D

 001E45

 00042F

 000119

 83C9FF

 83C9FF

 6ABEFF

 9CD4FF

 50B3FF

 B6DFFF

 37A8FF


 D0EAFF

 1D9DFF

 E9F5FF

 0491FF

FFFFFF

 0090FF

Harmonies

Analogous

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



5ED0EF



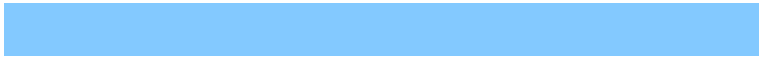
83C9FF



B3BFFE

Triad

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



83C9FF



FFABB1



A2CE96

Complementary

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



83C9FF



FFB983

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.



C6C684



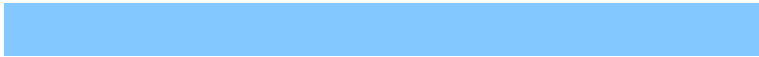
83C9FF



FAB195

Square

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



83C9FF



F8ABD1



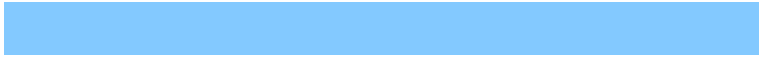
E4BB84



7CD2B2

Rectangle

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



83C9FF



D0B7F5



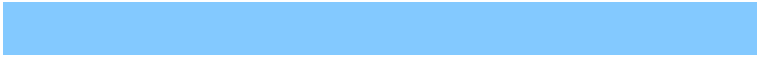
E4BB84



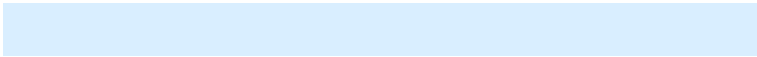
AECB8E

Sweetspot

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



83C9FF



D9EEFF



83FFB9



697680



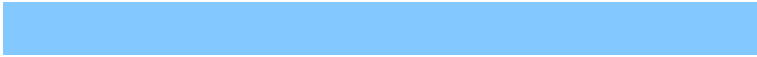
000000



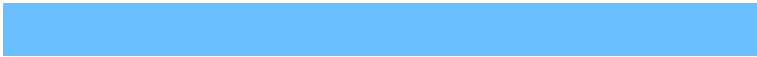
808080

Same Dimension

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



83C9FF



6BBFFF



838BFF



737A80



006CBF



002440

Inverse Universe

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



FF83C9



FF6BBF



FFF783



80737A



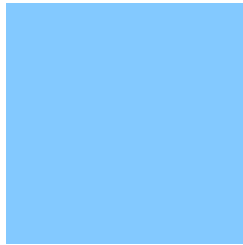
BF006C



400024

Previews

White Background



This preview shows how the Hex color 83C9FF looks on a white background.

Color Contrast Check

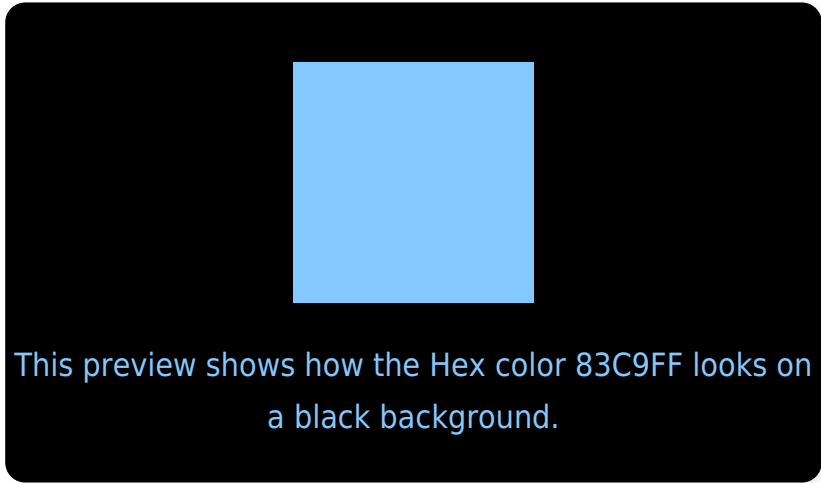
Large Text (above 18pt) WCAG AA × Fail

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

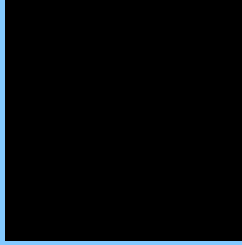
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

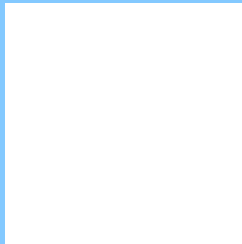
Any Text WCAG AAA ✓ Pass

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

Hex 83C9FF Background



This preview shows how black text looks on a background with the Hex color 83C9FF.

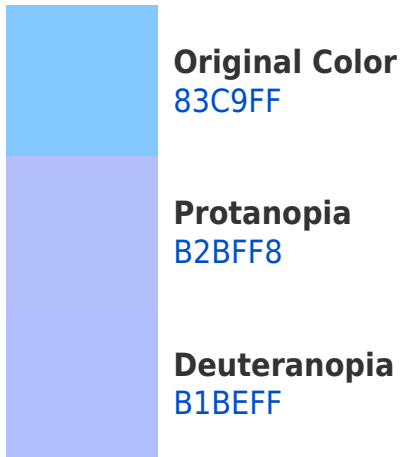


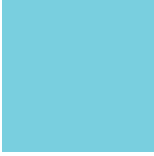
This preview shows how white text looks on a background with the Hex color 83C9FF.

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](#).

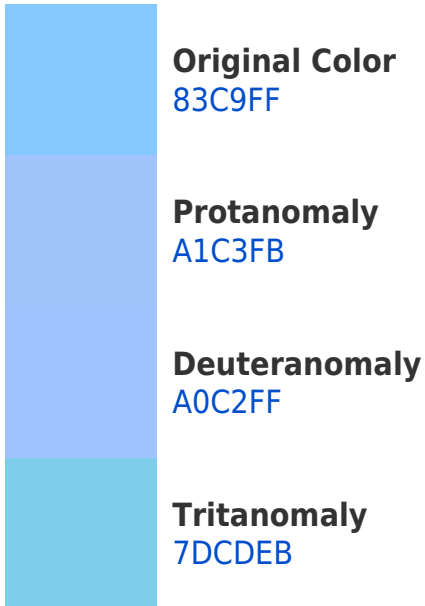
Dichromacy



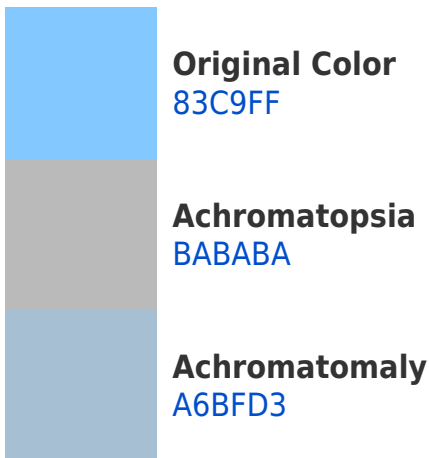


Tritanopia
79CFDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83C9FF 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 #83C9FF looks like.

```
.text, #text, p{  
    color:#83C9FF  
}
```

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 #83C9FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C9FF
}
```

Border

The CSS property to change the border of an element to Hex 83C9FF 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
#83C9FF }
```

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

```
.border{ border-color:#83C9FF }
```

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

Here you see how a box with a 4 pixel #83C9FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C9FF; -webkit-box-shadow:4px 4px  
4px 4px #83C9FF; box-shadow:4px 4px 4px  
4px #83C9FF }
```

Background

The CSS property to change the background color of an element to Hex 83C9FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C9FF }
```

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

```
.background{ background-color:#83C9FF }
```

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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