

# Converting Colors

Hex(83C9F4)

Have a look what the booklet for  
Hex(83C9F4) contains.

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# **Color**

**Hex(83C9F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83C9F4
RGB	131, 201, 244
RGB Percent	51%, 79%, 96%
CMY	0.4863, 0.2118, 0.0431
CMYK	0.46, 0.18, 0.00, 0.04
HSL	203°, 84%, 74%
HSV	203°, 46%, 96%
XYZ	46.5759, 53.1302, 93.3883
YIQ	184.9720, -55.5230, -1.4670

# Conversions

## Conversions Part 2

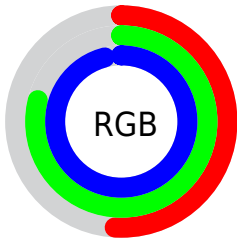
Format	Color
<a href="#">RYB</a>	<a href="#">131, 174, 244</a>
Decimal	<a href="#">8636916</a>
CIELab	<a href="#">77.95, -10.77, -28.04</a>
CIElCh	<a href="#">78, 30.035, 248.987</a>
Yxy	<a href="#">53.1302, 0.2412, 0.2752</a>
Android (android.graphics.Color)	<a href="#">4286826996</a> ( <a href="#">0xFF83C9F4</a> )
YUV	<a href="#">184.9720, 29.1008, -47.3334</a>
Hunter-Lab	<a href="#">72.8905, -13.4997, -24.9398</a>

# Details

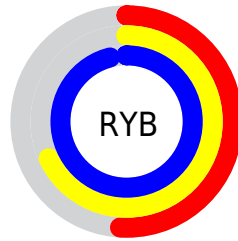
The Hex color **83C9F4** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F4AE83**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **BDFFFF**, and **4993BC** is the 20% darker color. If you saturate the color by 10%, you get **6BC0F4**, and if you desaturate by 10%, it is **9BD2F4**.

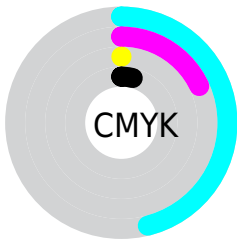
# Distribution



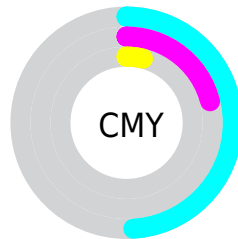
- Red (51%)
- Green (79%)
- Blue (96%)



- Red (51%)
- Yellow (68%)
- Blue (96%)



- Cyan (46%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (49%)
- Magenta (21%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83C9F4 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 83C9F4 by changing the saturation by 10% instead.



 83C9F4

 83C9F4

FFFFFF

 66AED7

 BDFFFF

 4993BC

 DAFFFF

 2879A1

 F8FFFF

 006186

 00496D

 003254

 001E3D

 000327

 000110

 83C9F4

 83C9F4

 6BC0F4

 9BD2F4

 52B6F4

 B4DCF4

 3AADF4


 CCE5F4

 21A4F4

 E5EEF4

 099BF4

 FDF7F4

 0097F4

 FFFFF4

# Harmonies

## Analogous

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



6CCFE3



83C9F4



AAC0F7

# Triad

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



83C9F4



F8ACB9



ADCA95

# Complementary

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



83C9F4



F4AE83

# 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.



CCC289



83C9F4



F6B09F

# Square

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



83C9F4



EBAFD5



E6B88D



8DCFAC

# Rectangle

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



83C9F4



C4BAF1



E6B88D



B8C78F



# Sweetspot

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



83C9F4



DBF1FF



83F4AC



6A7780



000000



808080

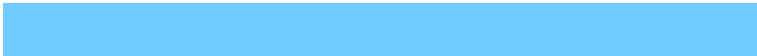


# Same Dimension

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



83C9F4



70C9FF



8392F4



6E767A



0073BA



00243B



# Inverse Universe

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



F483C9



FF70C9



F4E583



7A6E76



BA0073

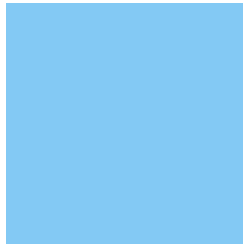


3B0024



# Previews

## White Background



This preview shows how the Hex color 83C9F4 looks on a white background.

## Color Contrast Check

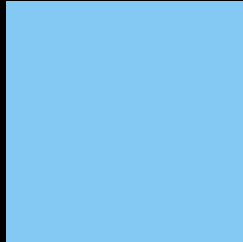
Large Text (above 18pt) WCAG AA × Fail

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 83C9F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

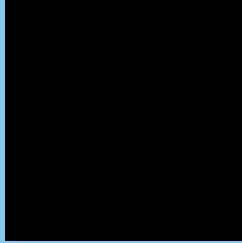
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

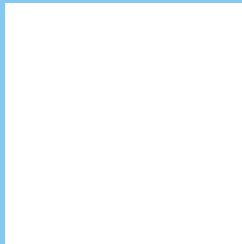
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 83C9F4 Background



This preview shows how black text looks on a background with the Hex color 83C9F4.



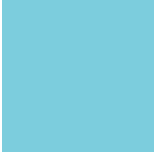
This preview shows how white text looks on a background with the Hex color 83C9F4.

# 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](#).

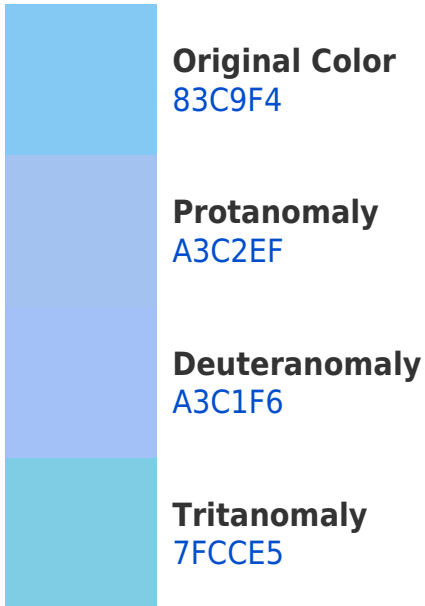
## Dichromacy



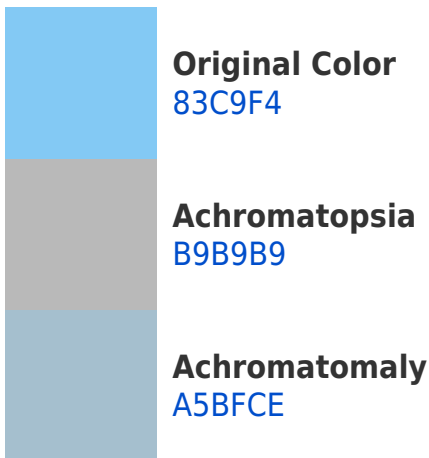


**Tritanopia**  
7CCDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83C9F4 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 #83C9F4 looks like.

```
.text, #text, p{  
    color:#83C9F4  
}
```

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 #83C9F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C9F4
}
```

## Border

The CSS property to change the border of an element to Hex 83C9F4 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
#83C9F4 }
```

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

```
.border{ border-color:#83C9F4 }
```

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

Here you see how a box with a 4 pixel #83C9F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C9F4; -webkit-box-shadow:4px 4px  
4px 4px #83C9F4; box-shadow:4px 4px 4px  
4px #83C9F4 }
```

# Background

The CSS property to change the background color of an element to Hex 83C9F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C9F4 }
```

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

```
.background{ background-color:#83C9F4 }
```

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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