

# Converting Colors

Hex(8BD4F8)

Have a look what the booklet for  
Hex(8BD4F8) contains.

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# **Color**

**Hex(8BD4F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BD4F8
RGB	139, 212, 248
RGB Percent	55%, 83%, 97%
CMY	0.4549, 0.1686, 0.0275
CMYK	0.44, 0.15, 0.00, 0.03
HSL	200°, 89%, 76%
HSV	200°, 44%, 97%
XYZ	51.1342, 59.3532, 97.5682
YIQ	194.2770, -55.0640, -4.2800

# Conversions

## Conversions Part 2

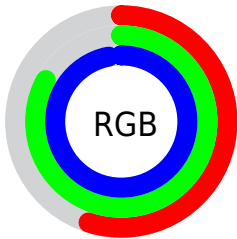
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">139, 183, 248</a>
Decimal	<a href="#">9164024</a>
CIELab	<a href="#">81.49, -13.54, -24.74</a>
CIElCh	<a href="#">81, 28.202, 241.309</a>
Yxy	<a href="#">59.3532, 0.2458, 0.2853</a>
Android (android.graphics.Color)	<a href="#">4287354104 (0xFF8BD4F8)</a>
YUV	<a href="#">194.2770, 26.4854, -48.4779</a>
Hunter-Lab	<a href="#">77.0411, -16.3466, -21.1587</a>

# Details

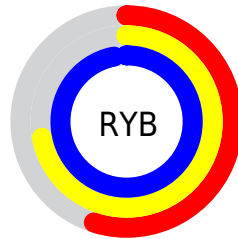
The Hex color **8BD4F8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F8AF8B**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **C5FFFF**, and **519DC0** is the 20% darker color. If you saturate the color by 10%, you get **72CCF8**, and if you desaturate by 10%, it is **A4DCF8**.

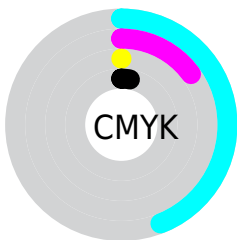
# Distribution



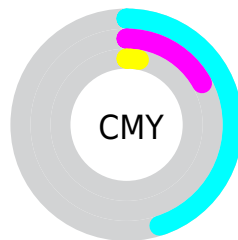
- Red (55%)
- Green (83%)
- Blue (97%)



- Red (55%)
- Yellow (72%)
- Blue (97%)



- Cyan (44%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (45%)
- Magenta (17%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BD4F8 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 8BD4F8 by changing the saturation by 10% instead.



8BD4F8

8BD4F8

FFFFFF

6EB8DB

C5FFFF

519DC0

E2FFFF

3283A4

026A8A

005270

003B58

002540

000D2A

000115

8BD4F8

8BD4F8

72CCF8

A4DCF8

59C4F8

BDE4F8

41BBF8

D5EDF8

28B3F8

EEF5F8

0FABF8

FFFDF8

00A6F8

FFFFF8

# Harmonies

## Analogous

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



7DD8E5



8BD4F8



ACCCFF

# Triad

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



8BD4F8



FEB7CA



C0D19D

# Complementary

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



8BD4F8



F8AF8B

# 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.



DDC996



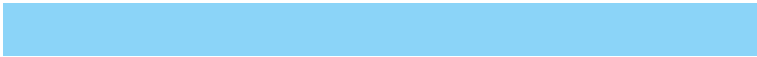
8BD4F8



FFB9B0

# Square

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



8BD4F8



EEBBE4



F3C09D



A2D7B0

# Rectangle

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



8BD4F8



C4C6FB



F3C09D



CACF99

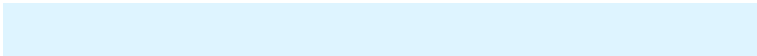


# Sweetspot

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



8BD4F8



DEF4FF



8BF8AE



6B7980



000000



808080

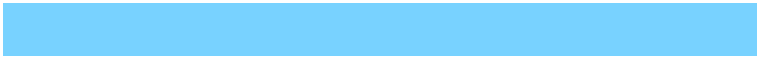


# Same Dimension

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



8BD4F8



78D2FF



8B9FF8



70797D



007EBD



00293D



# Inverse Universe

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



F88BD4



FF78D2



F8E48B



7D7079



BD007E

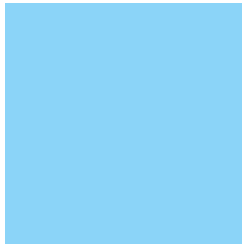


3D0029



# Previews

## White Background



This preview shows how the Hex color 8BD4F8 looks on a white background.

## Color Contrast Check

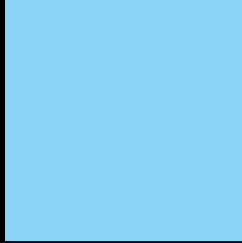
Large Text (above 18pt) WCAG AA × Fail

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 8BD4F8 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 8BD4F8 Background



This preview shows how black text looks on a background with the Hex color 8BD4F8.

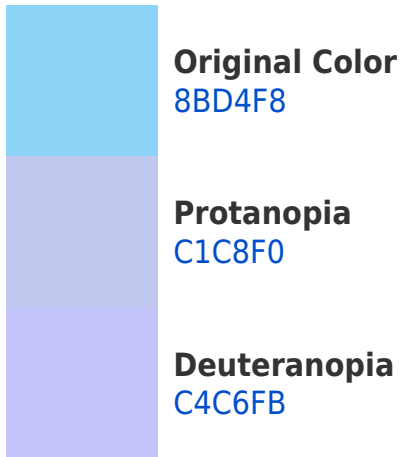


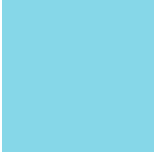
This preview shows how white text looks on a background with the Hex color 8BD4F8.

# 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](#).

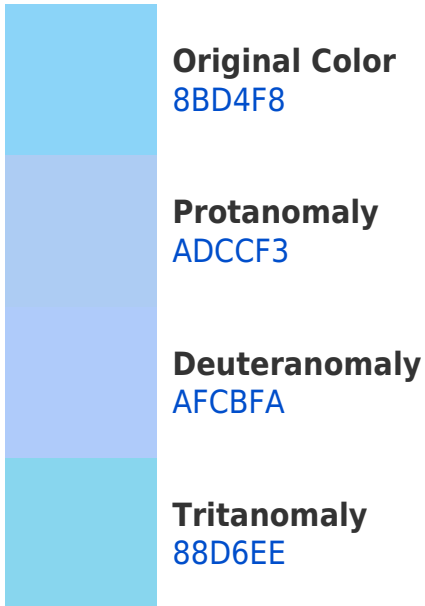
## Dichromacy



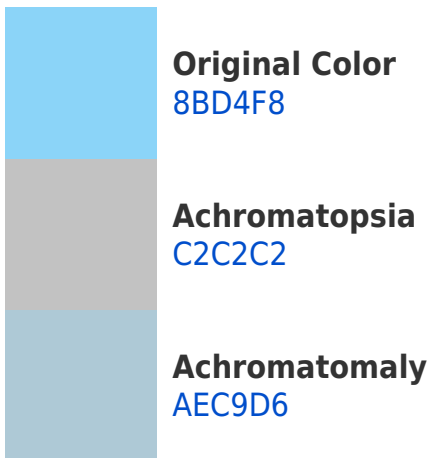


**Tritanopia**  
86D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BD4F8 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 #8BD4F8 looks like.

```
.text, #text, p{  
    color:#8BD4F8  
}
```

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 #8BD4F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BD4F8  
}
```

## Border

The CSS property to change the border of an element to Hex 8BD4F8 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  
#8BD4F8 }
```

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

```
.border{ border-color:#8BD4F8 }
```

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

Here you see how a box with a 4 pixel #8BD4F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BD4F8; -webkit-box-shadow:4px 4px  
4px 4px #8BD4F8; box-shadow:4px 4px 4px  
4px #8BD4F8 }
```

# Background

The CSS property to change the background color of an element to Hex 8BD4F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BD4F8 }
```

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

```
.background{ background-color:#8BD4F8 }
```

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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