

Converting Colors

Hex(8BD7F9)

Have a look what the booklet for
Hex(8BD7F9) contains.

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Color

Hex(8BD7F9)

Conversions

Conversions Part 1

Format	Color
Hex	8BD7F9
RGB	139, 215, 249
RGB Percent	55%, 84%, 98%
CMY	0.4549, 0.1569, 0.0235
CMYK	0.44, 0.14, 0.00, 0.02
HSL	199°, 90%, 76%
HSV	199°, 44%, 98%
XYZ	52.0468, 60.9294, 98.6399
YIQ	196.1520, -56.2100, -5.5380

Conversions

Conversions Part 2

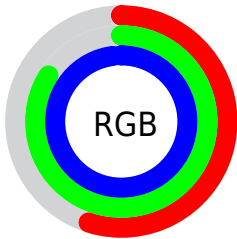
Format	Color
RYB	139, 184, 249
Decimal	9164793
CIELab	82.34, -14.82, -23.97
CIElCh	82, 28.180, 238.268
Yxy	60.9294, 0.2459, 0.2879
Android (android.graphics.Color)	4287354873 (0xFF8BD7F9)
YUV	196.1520, 26.0541, -50.1223
Hunter-Lab	78.0573, -17.5806, -20.2839

Details

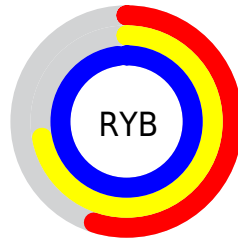
The Hex color **8BD7F9** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F9AD8B**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **C5FFFF**, and **51A0C0** is the 20% darker color. If you saturate the color by 10%, you get **72CFF9**, and if you desaturate by 10%, it is **A4DFF9**.

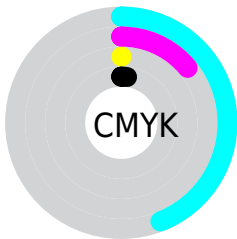
Distribution



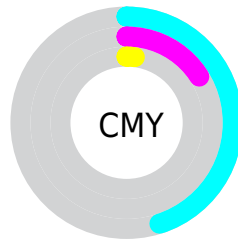
- Red (55%)
- Green (84%)
- Blue (98%)



- Red (55%)
- Yellow (72%)
- Blue (98%)



- Cyan (44%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (45%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BD7F9 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 8BD7F9 by changing the saturation by 10% instead.

8BD7F9

8BD7F9

FFFFFF

6EBBDC

C5FFFF

51A0C0

E2FFFF

3286A5

006D8B

005471

003D59

002741

00122B

000116

8BD7F9

8BD7F9

72CFF9

A4DFF9

59C8F9

BDE6F9

40C0F9

D6EEF9

27B8F9

EFF6F9

0FB1F9

FFFDF9

00ACF9

FFFFF9

Harmonies

Analogous

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



80DBE5



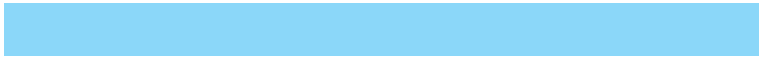
8BD7F9



AAD0FF

Triad

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



8BD7F9



FFBACF



C6D39E

Complementary

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



8BD7F9



F9AD8B

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.



E2CB98



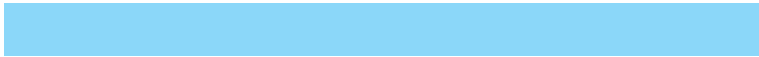
8BD7F9



FFBBB5

Square

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



8BD7F9



EEBEE9



F8C2A1



A7D9B0

Rectangle

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



8BD7F9



C3CAFF



F8C2A1



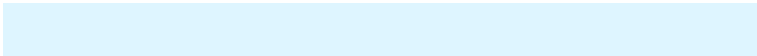
D0D09A

Sweetspot

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



8BD7F9



DEF5FF



8BF9AC



6B7980



000000



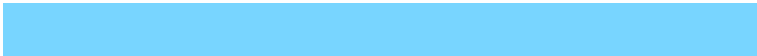
808080

Same Dimension

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



8BD7F9



78D5FF



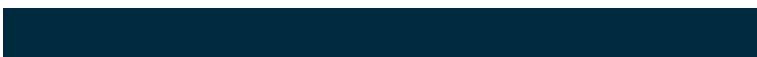
8BA1F9



70797D



0082BD



002A3D

Inverse Universe

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



F98BD7



FF78D5



F9E38B



7D7079



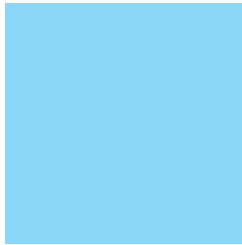
BD0082



3D002A

Previews

White Background



This preview shows how the Hex color 8BD7F9 looks on a white background.

Color Contrast Check

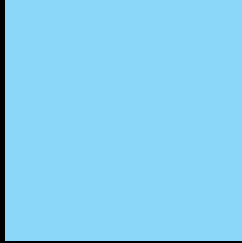
Large Text (above 18pt) WCAG AA × Fail

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 8BD7F9 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 8BD7F9 Background



This preview shows how black text looks on a background with the Hex color 8BD7F9.

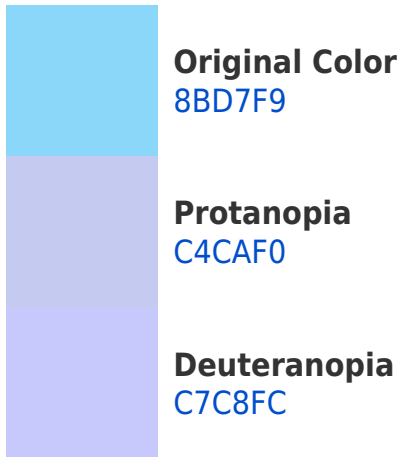


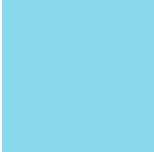
This preview shows how white text looks on a background with the Hex color 8BD7F9.

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



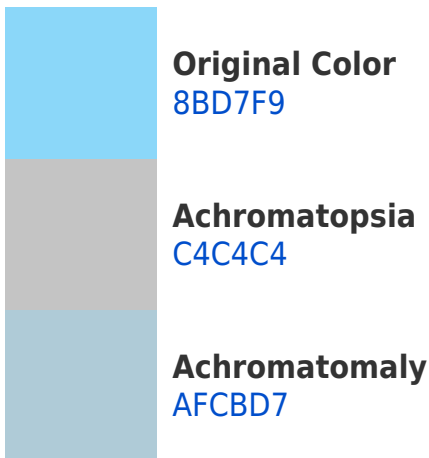


Tritanopia
87D9EB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8BD7F9 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 #8BD7F9 looks like.

```
.text, #text, p{  
    color:#8BD7F9  
}
```

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 #8BD7F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BD7F9
}
```

Border

The CSS property to change the border of an element to Hex 8BD7F9 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
#8BD7F9 }
```

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

```
.border{ border-color:#8BD7F9 }
```

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

Here you see how a box with a 4 pixel #8BD7F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BD7F9; -webkit-box-shadow:4px 4px  
4px 4px #8BD7F9; box-shadow:4px 4px 4px  
4px #8BD7F9 }
```

Background

The CSS property to change the background color of an element to Hex 8BD7F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BD7F9 }
```

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

```
.background{ background-color:#8BD7F9 }
```

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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