

Converting Colors

Hex(79BFDf)

Have a look what the booklet for
Hex(79BFDF) contains.

Hex(79BFDF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(79BFDf)

Conversions

Conversions Part 1

Format	Color
Hex	79BFDf
RGB	121, 191, 223
RGB Percent	47%, 75%, 87%
CMY	0.5255, 0.2510, 0.1255
CMYK	0.46, 0.14, 0.00, 0.13
HSL	199°, 61%, 67%
HSV	199°, 46%, 87%
XYZ	39.8352, 46.6543, 76.7177
YIQ	173.7180, -51.9920, -4.8880

Conversions

Conversions Part 2

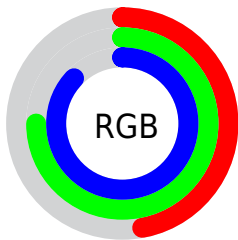
Format	Color
R _Y B	121, 163, 223
Decimal	7978975
CIE Lab	73.97, -13.61, -22.85
CIE LCh	74, 26.599, 239.214
Yxy	46.6543, 0.2441, 0.2859
Android (android.graphics.Color)	4286169055 (0xFF79BFDF)
YUV	173.7180, 24.2960, -46.2337
Hunter-Lab	68.3039, -15.4296, -18.7807

Details

The Hex color **79BFDF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **DF9979**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **B2F7FF**, and **408AA8** is the 20% darker color. If you saturate the color by 10%, you get **63B8DF**, and if you desaturate by 10%, it is **8FC6DF**.

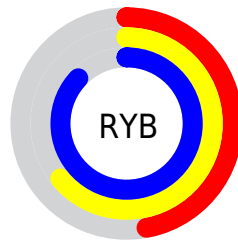
Distribution



Red (47%)

Green (75%)

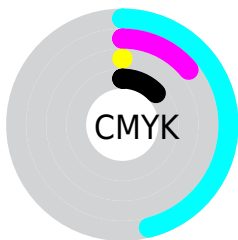
Blue (87%)



Red (47%)

Yellow (64%)

Blue (87%)

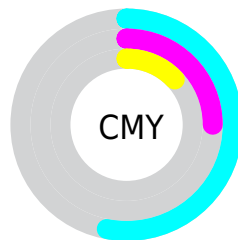


Cyan (46%)

Magenta (14%)

Yellow (0%)

Black (13%)



Cyan (53%)

Magenta (25%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79BFDF 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 79BFDF by changing the saturation by 10% instead.

 79BFDf

 79BFDf

FFFFFF

 5DA4C3

 B2F7FF

 408AA8

 CFFFFF

 1E708D

 ECFFFF

 005874

 00405B

 002A43

 00172D

 000118

 000000

 79BFDF

 79BFDF

 63B8DF

 8FC6DF

 4CB1DF

 A6CDDF

 36AADF

 BCD4DF

 20A3DF

 D2DBDF

 0A9CDF

 E9E2DF

 0099DF

 FFE9DF

 FFF0DF

 FFF7DF

 FFFEDF

Harmonies

Analogous

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



6EC3CD



79BDFD



97B8E6

Triad

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



79BDFD



E5A4B7



AEBC8B

Complementary

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



79BDFD



DF9979

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.



C8B485



79BDFD



E7A69F

Square

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



79BDFD



D5A8CF



DDAC8D



92C19C

Rectangle

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



79BFDf



AEB3E4



DDAC8D



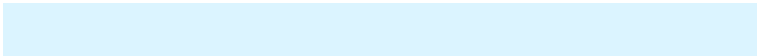
B7B987

Sweetspot

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



79BFDf



DBF4FF



79DF98



6A7980



000000



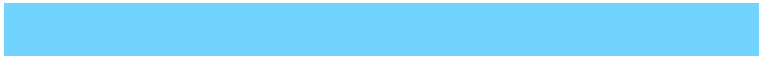
808080

Same Dimension

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



79BDFD



73D3FF



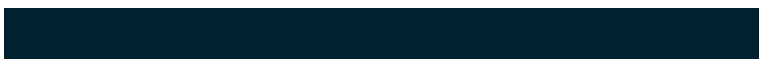
798DDF



656D70



0079B0



002130

Inverse Universe

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



DF79BF



FF73D3



DFCB79



70656D



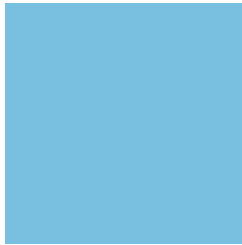
B00079



300021

Previews

White Background



This preview shows how the Hex color 79BFDf looks on a white background.

Color Contrast Check

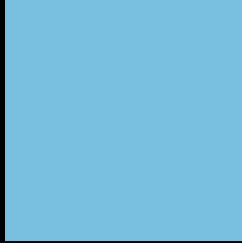
Large Text (above 18pt) WCAG AA × Fail

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 79BFD9 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 79BFDF Background



This preview shows how black text looks on a background with the Hex color 79BFDF.

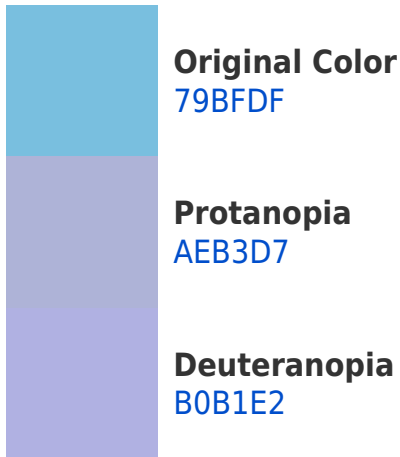


This preview shows how white text looks on a background with the Hex color 79BFDF.

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](#).

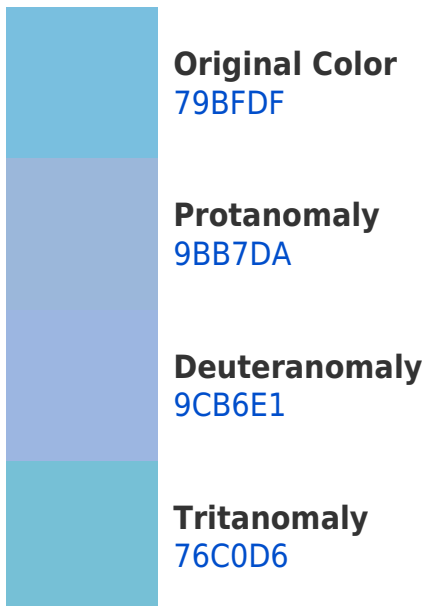
Dichromacy



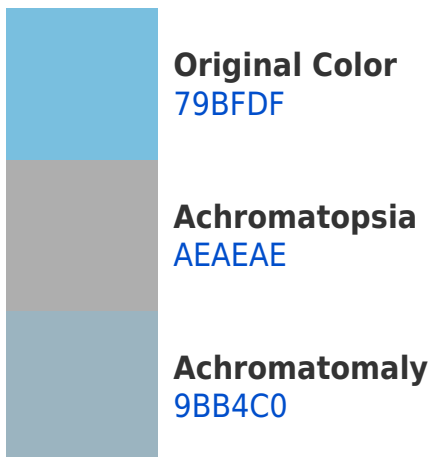


Tritanopia
75C1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 79BFDf 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 #79BFDf looks like.

```
.text, #text, p{  
    color:#79BFDf  
}
```

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 #79BFDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79BFDF
}
```

Border

The CSS property to change the border of an element to Hex 79BFDF 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
#79BFDF }
```

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

```
.border{ border-color:#79BFDF }
```

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

Here you see how a box with a 4 pixel #79BFDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79BFDF; -webkit-box-shadow:4px 4px  
4px 4px #79BFDF; box-shadow:4px 4px 4px  
4px #79BFDF }
```

Background

The CSS property to change the background color of an element to Hex 79BFDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79BFDF }
```

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

```
.background{ background-color:#79BFDF }
```

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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