

# Converting Colors

Hex(79D1F0)

Have a look what the booklet for  
Hex(79D1F0) contains.

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# **Color**

**Hex(79D1F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79D1F0
RGB	121, 209, 240
RGB Percent	47%, 82%, 94%
CMY	0.5255, 0.1804, 0.0588
CMYK	0.50, 0.13, 0.00, 0.06
HSL	196°, 80%, 71%
HSV	196°, 50%, 94%
XYZ	46.4138, 55.9571, 90.7926
YIQ	186.2220, -62.3990, -9.0150

# Conversions

## Conversions Part 2

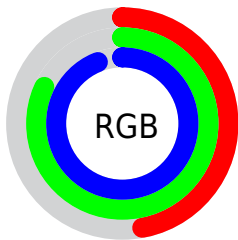
Format	Color
<a href="#">RYB</a>	<a href="#">121, 172, 240</a>
Decimal	<a href="#">7983600</a>
CIELab	<a href="#">79.59, -18.29, -23.44</a>
CIELCh	<a href="#">80, 29.727, 232.038</a>
Yxy	<a href="#">55.9571, 0.2403, 0.2897</a>
Android (android.graphics.Color)	<a href="#">4286173680 (0xFF79D1F0)</a>
YUV	<a href="#">186.2220, 26.5126, -57.1997</a>
Hunter-Lab	<a href="#">74.8045, -20.1544, -19.5990</a>

# Details

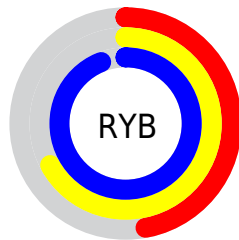
The Hex color **79D1F0** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F09879**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B3FFFF**, and **3C9AB8** is the 20% darker color. If you saturate the color by 10%, you get **61CBF0**, and if you desaturate by 10%, it is **91D7F0**.

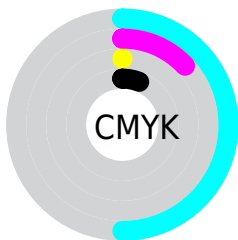
# Distribution



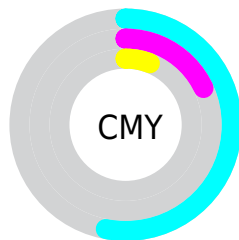
- Red (47%)
- Green (82%)
- Blue (94%)



- Red (47%)
- Yellow (67%)
- Blue (94%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)



- Cyan (53%)
- Magenta (18%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79D1F0 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 79D1F0 by changing the saturation by 10% instead.



■ 79D1F0

■ 79D1F0

FFFFFF

■ 5BB5D4

■ B3FFFF

■ 3C9AB8

■ D1FFFF

■ 10809D

■ EFFFFFF

■ 006783

■ 004F6A

■ 003851

■ 00233A

■ 000225

■ 00010D

 79D1F0

 79D1F0

 61CBF0

 91D7F0

 49C4F0

 A9DEF0

 31BEF0

 C1E4F0

 19B8F0

 D9EAF0

 01B2F0

 F1F0F0

 00B1F0

 FFF7F0

 FFFDF0

 FFFFF0

# Harmonies

## Analogous

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



73D4D9



79D1F0



98CAFB

# Triad

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



79D1F0



F7B2CE



C4CA91

# Complementary

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



79D1F0



F09879

# 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.



E0C18F



79D1F0



FDB2B2

# Square

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



79D1F0



E2B7E8



F5B89B



A4D1A2

# Rectangle

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



79D1F0



B2C4FB



F5B89B



CEC78F

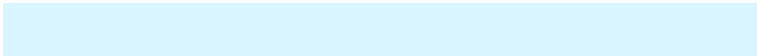


# Sweetspot

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



79D1F0



D9F5FF



79F097



697A80



000000



808080



# Same Dimension

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



79D1F0



66D7FF



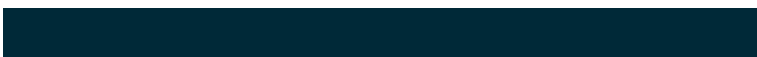
7997F0



6C7578



0088B8



002938



# Inverse Universe

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



F079D1



FF66D7



F0D279



786C75



B80088

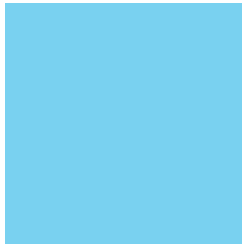


380029



# Previews

## White Background



This preview shows how the Hex color 79D1F0 looks on a white background.

## Color Contrast Check

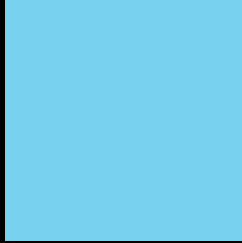
Large Text (above 18pt) WCAG AA × Fail

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 79D1F0 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 79D1F0 Background



This preview shows how black text looks on a background with the Hex color 79D1F0.

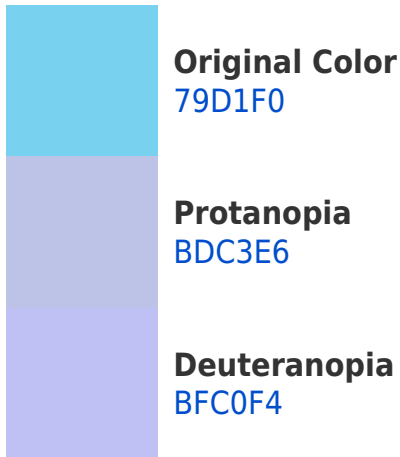


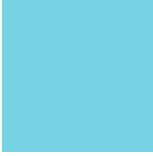
This preview shows how white text looks on a background with the Hex color 79D1F0.

# 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](#).

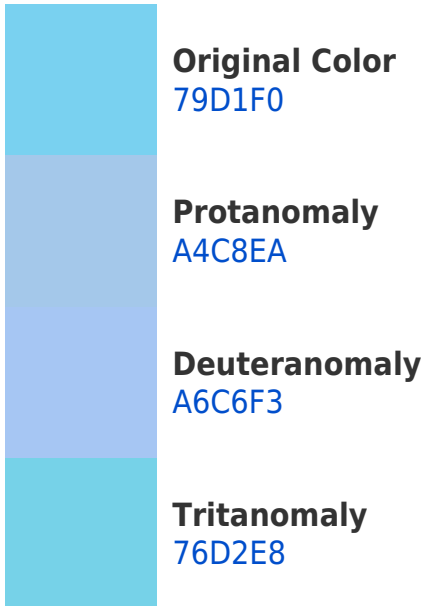
## Dichromacy



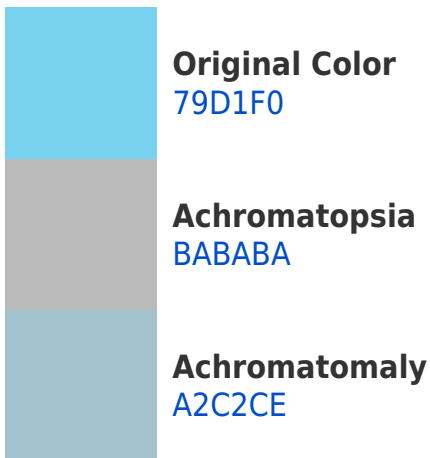


**Tritanopia**  
75D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79D1F0 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 #79D1F0 looks like.

```
.text, #text, p{  
    color:#79D1F0  
}
```

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 #79D1F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79D1F0
}
```

## Border

The CSS property to change the border of an element to Hex 79D1F0 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
#79D1F0 }
```

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

```
.border{ border-color:#79D1F0 }
```

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

Here you see how a box with a 4 pixel #79D1F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79D1F0; -webkit-box-shadow:4px 4px  
4px 4px #79D1F0; box-shadow:4px 4px 4px  
4px #79D1F0 }
```

# Background

The CSS property to change the background color of an element to Hex 79D1F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79D1F0 }
```

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

```
.background{ background-color:#79D1F0 }
```

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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