

# Converting Colors

Hex(79D7F2)

Have a look what the booklet for  
Hex(79D7F2) contains.

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# **Color**

**Hex(79D7F2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79D7F2
RGB	121, 215, 242
RGB Percent	47%, 84%, 95%
CMY	0.5255, 0.1569, 0.0510
CMYK	0.50, 0.11, 0.00, 0.05
HSL	193°, 82%, 71%
HSV	193°, 50%, 95%
XYZ	48.2126, 59.0766, 92.8663
YIQ	189.9720, -64.6910, -11.5310

# Conversions

## Conversions Part 2

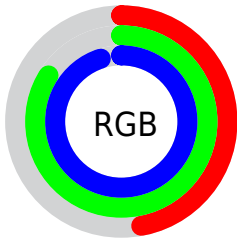
Format	Color
R <sub>Y</sub> B	121, 174, 242
Decimal	7985138
CIE Lab	81.33, -20.78, -21.85
CIE LCh	81, 30.157, 226.437
Yxy	59.0766, 0.2409, 0.2952
Android (android.graphics.Color)	4286175218 (0xFF79D7F2)
YUV	189.9720, 25.6498, -60.4884
Hunter-Lab	76.8613, -22.5401, -17.8331

# Details

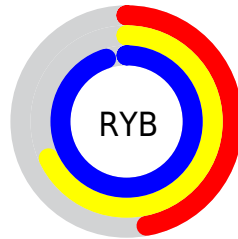
The Hex color **79D7F2** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F29479**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **B4FFFF**, and **3BA0BA** is the 20% darker color. If you saturate the color by 10%, you get **61D2F2**, and if you desaturate by 10%, it is **91DCF2**.

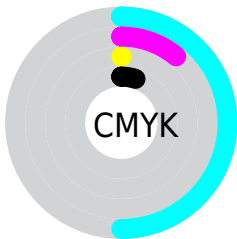
# Distribution



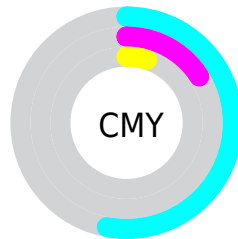
- Red (47%)
- Green (84%)
- Blue (95%)



- Red (47%)
- Yellow (68%)
- Blue (95%)



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (53%)
- Magenta (16%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79D7F2 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 79D7F2 by changing the saturation by 10% instead.



79D7F2

79D7F2

FFFFFF

5BBBD6

B4FFFF

3BA0BA

D1FFFF

0B869F

EFFFFFF

006C85

00546B

003C53

00263C

000C26

000110

■ 79D7F2

■ 79D7F2

■ 61D2F2

■ 91DCF2

■ 49CCF2

■ A9E2F2

■ 30C7F2

■ C2E7F2

■ 18C1F2

■ DAEDF2

■ 00BCF2

■ F2F2F2

■ FFF7F2

■ FFFDF2

■ FFFFF2

# Harmonies

## Analogous

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



78DAD9



79D7F2



95D1FF

# Triad

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



79D7F2



FAB7D8



CFCD94

# Complementary

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



79D7F2



F29479

# 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.



EAC494



79D7F2



FFB6BB

# Square

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



79D7F2



E1BEF1



FDBBA2



AFD5A2

# Rectangle

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



79D7F2



AFCBFF



FDBBA2



D8CA92

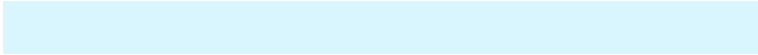


# Sweetspot

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



79D7F2



D9F6FF



79F293



697A80



000000



808080



# Same Dimension

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



79D7F2



66DDFF



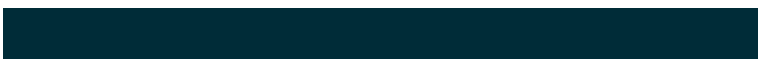
799BF2



6C7578



008FB8



002C38



# Inverse Universe

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



F279D7



FF66DD



F2D079



786C75



B8008F

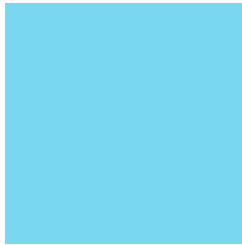


38002C



# Previews

## White Background



This preview shows how the Hex color 79D7F2 looks on a white background.

## Color Contrast Check

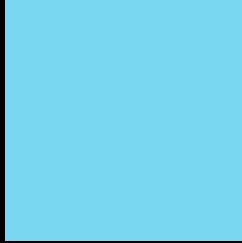
Large Text (above 18pt) WCAG AA × Fail

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 79D7F2 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 79D7F2 Background



This preview shows how black text looks on a background with the Hex color 79D7F2.

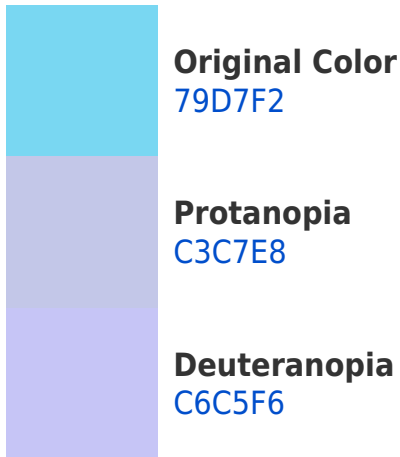


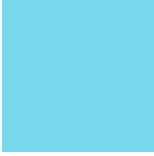
This preview shows how white text looks on a background with the Hex color 79D7F2.

# 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](#).

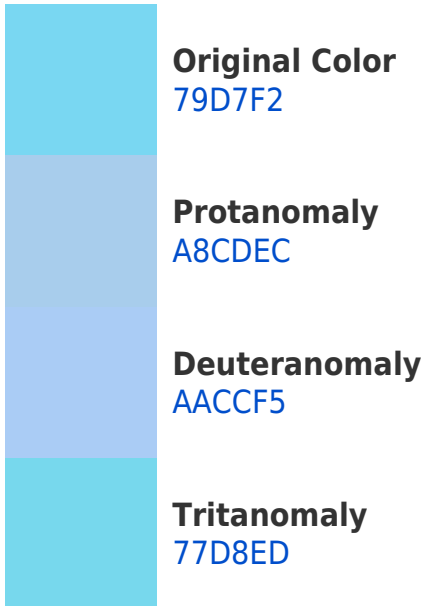
## Dichromacy



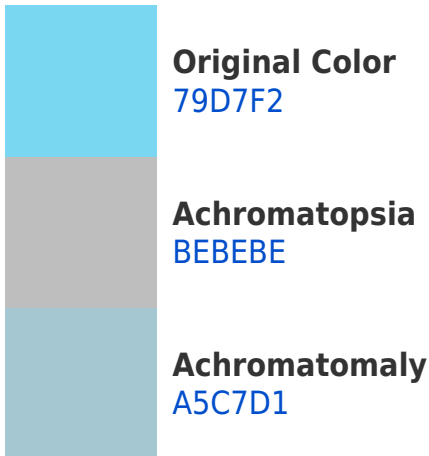


**Tritanopia**  
76D8EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79D7F2 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 #79D7F2 looks like.

```
.text, #text, p{  
    color:#79D7F2  
}
```

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 #79D7F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79D7F2
}
```

## Border

The CSS property to change the border of an element to Hex 79D7F2 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
#79D7F2 }
```

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

```
.border{ border-color:#79D7F2 }
```

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

Here you see how a box with a 4 pixel #79D7F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79D7F2; -webkit-box-shadow:4px 4px  
4px 4px #79D7F2; box-shadow:4px 4px 4px  
4px #79D7F2 }
```

# Background

The CSS property to change the background color of an element to Hex 79D7F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79D7F2 }
```

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

```
.background{ background-color:#79D7F2 }
```

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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