

# Converting Colors

Hex(79B3D4)

Have a look what the booklet for  
Hex(79B3D4) contains.

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# **Color**

**Hex(79B3D4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	79B3D4
RGB	121, 179, 212
RGB Percent	47%, 70%, 83%
CMY	0.5255, 0.2980, 0.1686
CMYK	0.43, 0.16, 0.00, 0.17
HSL	202°, 51%, 65%
HSV	202°, 43%, 83%
XYZ	35.8889, 41.0586, 68.3209
YIQ	165.4200, -45.1610, -2.0330

# Conversions

## Conversions Part 2

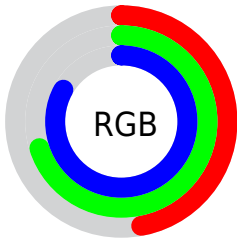
Format	Color
R <sub>Y</sub> B	121, 156, 212
Decimal	7975892
CIE Lab	70.22, -10.23, -22.57
CIE LCh	70, 24.784, 245.612
Yxy	41.0586, 0.2471, 0.2826
Android (android.graphics.Color)	4286165972 (0xFF79B3D4)
YUV	165.4200, 22.9639, -38.9563
Hunter-Lab	64.0770, -12.1586, -18.3630

# Details

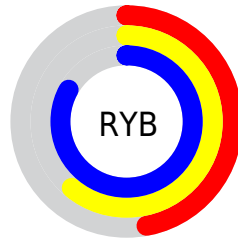
The Hex color **79B3D4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D49A79**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B1EBFF**, and **427E9D** is the 20% darker color. If you saturate the color by 10%, you get **64ABD4**, and if you desaturate by 10%, it is **8EBBD4**.

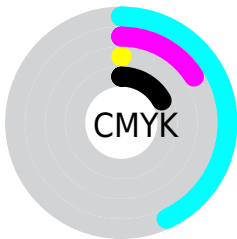
# Distribution



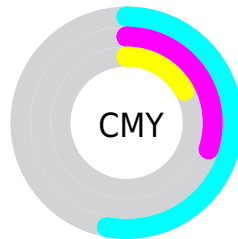
- Red (47%)
- Green (70%)
- Blue (83%)



- Red (47%)
- Yellow (61%)
- Blue (83%)



- Cyan (43%)
- Magenta (16%)
- Yellow (0%)
- Black (17%)



- Cyan (53%)
- Magenta (30%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79B3D4 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 79B3D4 by changing the saturation by 10% instead.



■ 79B3D4

■ 79B3D4

FFFFFF

■ 5E98B8

■ B1EBFF

■ 427E9D

■ CDFFFF

■ 246583

■ EBFFFF

■ 004D6A

■ 003752

■ 00213A

■ 000425

■ 00010E

■ 000000

■ 79B3D4

■ 79B3D4

■ 64ABD4

■ 8EBBD4

■ 4FA4D4

■ A3C2D4

■ 399CD4

■ B9CAD4

■ 2494D4

■ CED2D4

■ 0F8DD4

■ E3D9D4

■ 0087D4

■ F8E1D4

■ FFE9D4

■ FFF1D4

■ FFF8D4

# Harmonies

## Analogous

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



6AB7C5



79B3D4



96ACD8

# Triad

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



79B3D4



D89BA8



9FB287

# Complementary

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



79B3D4



D49A79

# 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.



B8AC7F



79B3D4



D89E92

# Square

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



79B3D4



CC9EBF



CCA483



86B798

# Rectangle

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



79B3D4



ABA7D4



CCA483



A8B083



# Sweetspot

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



79B3D4



DEF3FF



79D499



6B7880



000000



808080

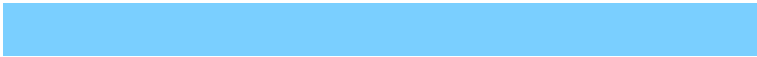


# Same Dimension

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



79B3D4



7ACFFF



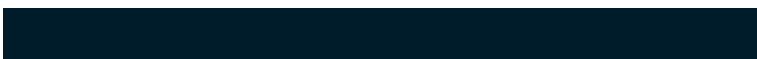
7987D4



60676B



006DAB



001C2B



# Inverse Universe

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



D479B3



FF7ACF



D4C679



6B6067



AB006D



2B001C



# Previews

## White Background



This preview shows how the Hex color 79B3D4 looks on a white background.

## Color Contrast Check

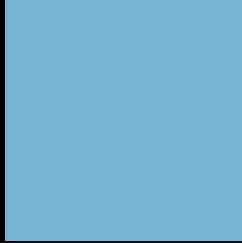
Large Text (above 18pt) WCAG AA × Fail

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 79B3D4 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 79B3D4 Background



This preview shows how black text looks on a background with the Hex color 79B3D4.

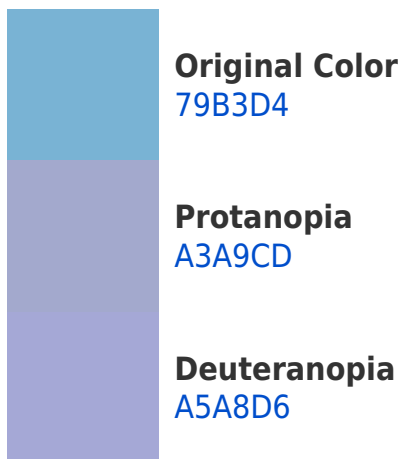


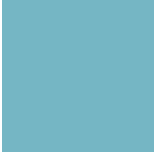
This preview shows how white text looks on a background with the Hex color 79B3D4.

# 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](#).

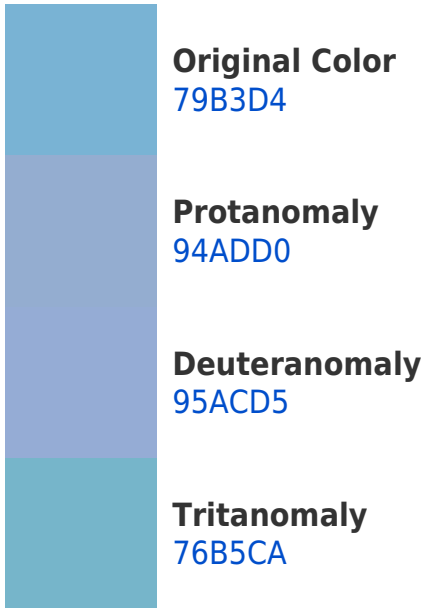
## Dichromacy



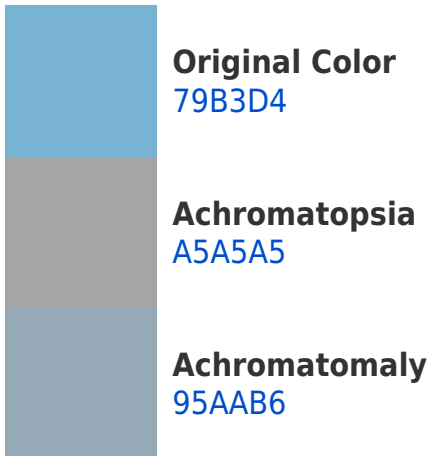


**Tritanopia**  
75B6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79B3D4 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 #79B3D4 looks like.

```
.text, #text, p{  
    color:#79B3D4  
}
```

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 #79B3D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79B3D4
}
```

## Border

The CSS property to change the border of an element to Hex 79B3D4 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
#79B3D4 }
```

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

```
.border{ border-color:#79B3D4 }
```

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

Here you see how a box with a 4 pixel #79B3D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79B3D4; -webkit-box-shadow:4px 4px  
4px 4px #79B3D4; box-shadow:4px 4px 4px  
4px #79B3D4 }
```

# Background

The CSS property to change the background color of an element to Hex 79B3D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79B3D4 }
```

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

```
.background{ background-color:#79B3D4 }
```

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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