

# Converting Colors

Hex(79B8D0)

Have a look what the booklet for  
Hex(79B8D0) contains.

<b>Hex(79B8D0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(79B8D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79B8D0
RGB	121, 184, 208
RGB Percent	47%, 72%, 82%
CMY	0.5255, 0.2784, 0.1843
CMYK	0.42, 0.12, 0.00, 0.18
HSL	197°, 48%, 65%
HSV	197°, 42%, 82%
XYZ	36.4108, 42.9000, 66.0360
YIQ	167.8990, -45.2520, -5.8920

# Conversions

## Conversions Part 2

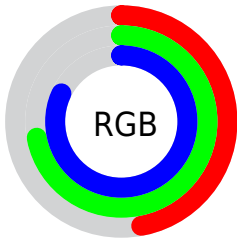
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 158, 208
Decimal	7977168
CIELab	71.49, -13.96, -18.45
CIElCh	71, 23.141, 232.881
Yxy	42.9000, 0.2505, 0.2952
Android (android.graphics.Color)	4286167248 (0xFF79B8D0)
YUV	167.8990, 19.7698, -41.1304
Hunter-Lab	65.4981, -15.3923, -13.9283

# Details

The Hex color **79B8D0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D09179**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **B1F0FF**, and **42839A** is the 20% darker color. If you saturate the color by 10%, you get **64B2D0**, and if you desaturate by 10%, it is **8EBED0**.

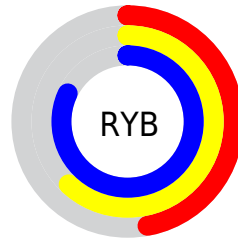
# Distribution



Red (47%)

Green (72%)

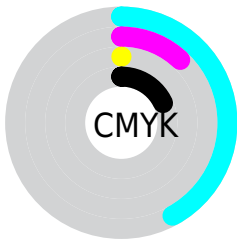
Blue (82%)



Red (47%)

Yellow (62%)

Blue (82%)

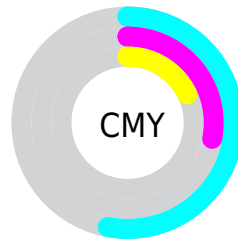


Cyan (42%)

Magenta (12%)

Yellow (0%)

Black (18%)



Cyan (53%)

Magenta (28%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79B8D0 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 79B8D0 by changing the saturation by 10% instead.



 79B8D0

 79B8D0

FFFFFF

 5E9DB4

 B1F0FF

 42839A

 CDFFFF

 246A80

 EAFFFF

 005166

 003A4E

 002537

 000C22

 000009

 000000

79B8D0

79B8D0

64B2D0

8EBED0

4FADD0

A3C3D0

3BA7D0

B7C9D0

26A1D0

CCCFD0

119BD0

E1D5D0

0097D0

F6DAD0

FFE0D0

FFE6D0

FFECD0

# Harmonies

## Analogous

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



74BBBF



79B8D0



8FB3D8

# Triad

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



79B8D0



D6A0B5



AEB388

# Complementary

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



79B8D0



D09179

# 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.



C4AC86



79B8D0



DBA1A0

# Square

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



79B8D0



C6A5C9



D4A58E



96B895

# Rectangle

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



79B8D0



A2AED8



D4A58E



B6B186

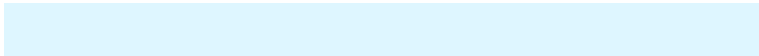


# Sweetspot

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



79B8D0



DEF6FF



79D090



6B7A80



000000



808080

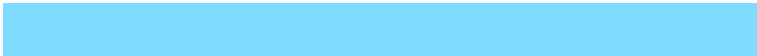


# Same Dimension

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



79B8D0



80DCFF



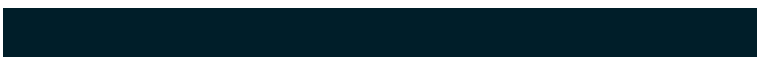
798DD0



5E6669



007AA8



001E29



# Inverse Universe

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



D079B8



FF80DC



D0BC79



695E66



A8007A



29001E



# Previews

## White Background



This preview shows how the Hex color 79B8D0 looks on a white background.

## Color Contrast Check

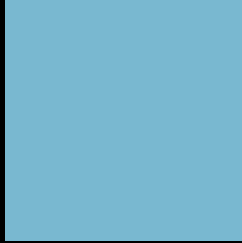
Large Text (above 18pt) WCAG AA × Fail

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 79B8D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

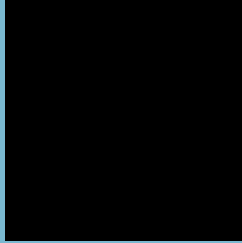
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 79B8D0 Background



This preview shows how black text looks on a background with the Hex color 79B8D0.

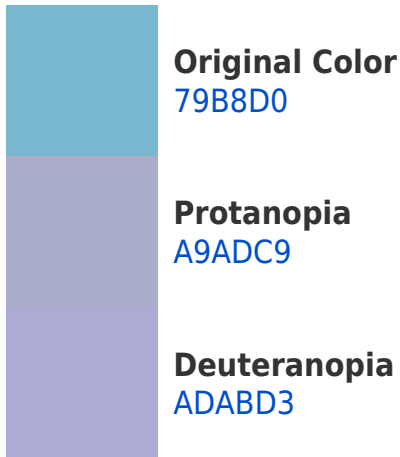


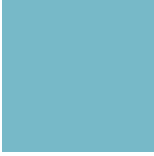
This preview shows how white text looks on a background with the Hex color 79B8D0.

# 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](#).

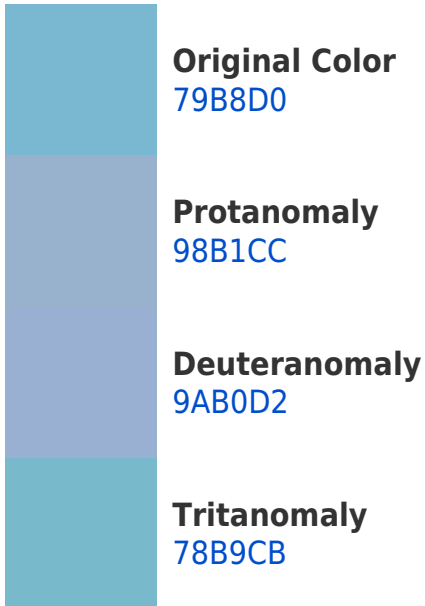
## Dichromacy



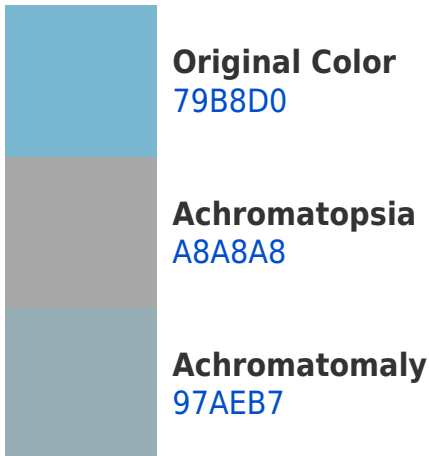


**Tritanopia**  
77B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79B8D0 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 #79B8D0 looks like.

```
.text, #text, p{  
    color:#79B8D0  
}
```

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 #79B8D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79B8D0
}
```

## Border

The CSS property to change the border of an element to Hex 79B8D0 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
#79B8D0 }
```

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

```
.border{ border-color:#79B8D0 }
```

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

Here you see how a box with a 4 pixel #79B8D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79B8D0; -webkit-box-shadow:4px 4px  
4px 4px #79B8D0; box-shadow:4px 4px 4px  
4px #79B8D0 }
```

# Background

The CSS property to change the background color of an element to Hex 79B8D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79B8D0 }
```

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

```
.background{ background-color:#79B8D0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor