

# Converting Colors

Hex(79BCC4)

Have a look what the booklet for  
Hex(79BCC4) contains.

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# **Color**

**Hex(79BCC4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79BCC4
RGB	121, 188, 196
RGB Percent	47%, 74%, 77%
CMY	0.5255, 0.2627, 0.2314
CMYK	0.38, 0.04, 0.00, 0.23
HSL	186°, 39%, 62%
HSV	186°, 38%, 77%
XYZ	35.8322, 44.0169, 58.8321
YIQ	168.8790, -42.5000, -11.7160

# Conversions

## Conversions Part 2

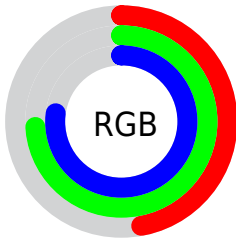
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 156, 196
Decimal	7978180
CIELab	72.24, -19.14, -10.76
CIELCh	72, 21.960, 209.339
Yxy	44.0169, 0.2584, 0.3174
Android (android.graphics.Color)	4286168260 (0xFF79BCC4)
YUV	168.8790, 13.3707, -41.9899
Hunter-Lab	66.3452, -19.6987, -6.1342

# Details

The Hex color **79BCC4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C48179**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **B0F4FD**, and **43878E** is the 20% darker color. If you saturate the color by 10%, you get **65BAC4**, and if you desaturate by 10%, it is **8DBEC4**.

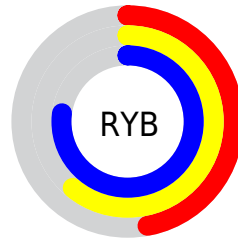
# Distribution



Red (47%)

Green (74%)

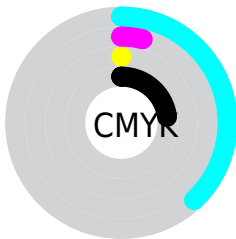
Blue (77%)



Red (47%)

Yellow (61%)

Blue (77%)

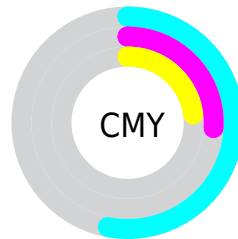


Cyan (38%)

Magenta (4%)

Yellow (0%)

Black (23%)



Cyan (53%)

Magenta (26%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79BCC4 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 79BCC4 by changing the saturation by 10% instead.



 79BCC4

 79BCC4

FFFFFF

 5EA1A9

 B0F4FD

 43878E

 CDFFFF

 266D75

 EAFFFF

 00555C

 003D45

 00272E

 00101A

 000000

 79BCC4

 79BCC4

65BAC4

8DBEC4

52B8C4

A0C0C4

3EB6C4

B4C2C4

2BB4C4

C7C4C4

17B2C4

DBC6C4

03AFC4

EFC9C4

00AFC4

FFCBC4

FFCDC4

FFCFC4

# Harmonies

## Analogous

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



81BDB0



79BCC4



82B9D3

# Triad

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



79BCC4



CBA6C6



C1B089

# Complementary

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



79BCC4



C48179

# 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.



D2A98F



79BCC4



D8A3B2

# Square

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



79BCC4



B4ACD4



DAA49E



ABB68E

# Rectangle

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



79BCC4



90B5D8



DAA49E



C7AD8A

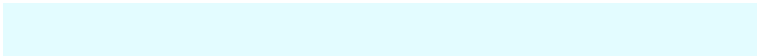


# Sweetspot

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



79BCC4



E3FCFF



79C481



6F7E80



000000



808080



# Same Dimension

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



79BCC4



8AF2FF



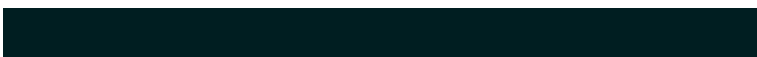
7997C4



576061



0090A1



001E21



# Inverse Universe

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



C479BC



FF8AF2



C4A679



615760



A10090

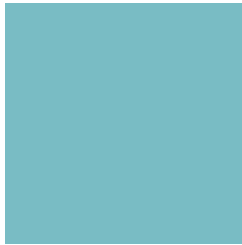


21001E



# Previews

## White Background



This preview shows how the Hex color 79BCC4 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 79BCC4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

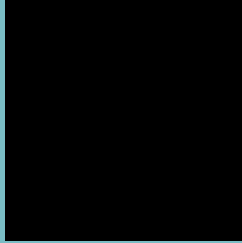
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

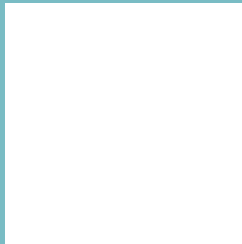
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 79BCC4 Background



This preview shows how black text looks on a background with the Hex color 79BCC4.

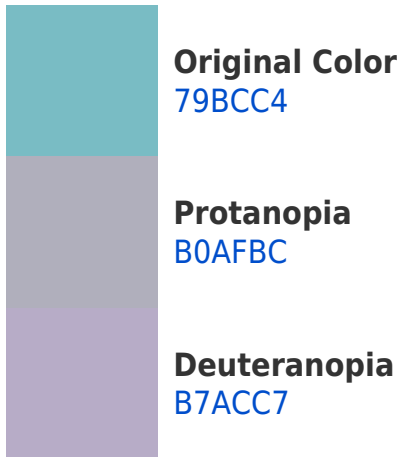


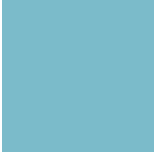
This preview shows how white text looks on a background with the Hex color 79BCC4.

# 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](#).

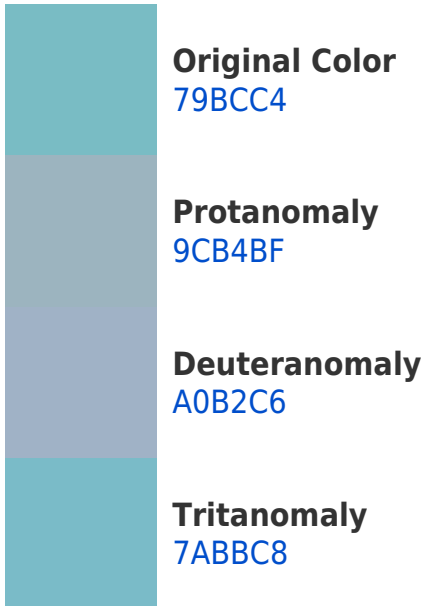
## Dichromacy





**Tritanopia**  
7BBBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79BCC4 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 #79BCC4 looks like.

```
.text, #text, p{  
    color:#79BCC4  
}
```

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 #79BCC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79BCC4 }  
}
```

## Border

The CSS property to change the border of an element to Hex 79BCC4 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 #79BCC4 }  
}
```

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

```
.border{ border-color:#79BCC4 }
```

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

Here you see how a box with a 4 pixel #79BCC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79BCC4; -webkit-box-shadow:4px 4px  
4px 4px #79BCC4; box-shadow:4px 4px 4px  
4px #79BCC4 }
```

# Background

The CSS property to change the background color of an element to Hex 79BCC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79BCC4 }
```

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

```
.background{ background-color:#79BCC4 }
```

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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