

# Converting Colors

Hex(78C6DA)

Have a look what the booklet for  
Hex(78C6DA) contains.

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# **Color**

**Hex(78C6DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78C6DA
RGB	120, 198, 218
RGB Percent	47%, 78%, 85%
CMY	0.5294, 0.2235, 0.1451
CMYK	0.45, 0.09, 0.00, 0.15
HSL	192°, 57%, 66%
HSV	192°, 45%, 85%
XYZ	40.5947, 49.4432, 73.7336
YIQ	176.9580, -52.9080, -10.3160

# Conversions

## Conversions Part 2

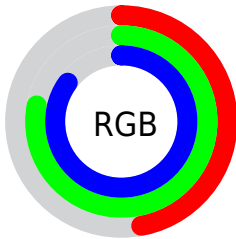
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">120, 163, 218</a>
Decimal	<a href="#">7915226</a>
CIELab	<a href="#">75.73, -18.83, -17.48</a>
CIELCh	<a href="#">76, 25.693, 222.874</a>
Yxy	<a href="#">49.4432, 0.2479, 0.3019</a>
Android (android.graphics.Color)	<a href="#">4286105306 (0xFF78C6DA)</a>
YUV	<a href="#">176.9580, 20.2337, -49.9522</a>
Hunter-Lab	<a href="#">70.3159, -20.0012, -12.9507</a>

# Details

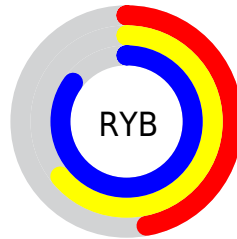
The Hex color **78C6DA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DA8C78**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **B1FFFF**, and **3E90A3** is the 20% darker color. If you saturate the color by 10%, you get **62C2DA**, and if you desaturate by 10%, it is **8ECADA**.

# Distribution



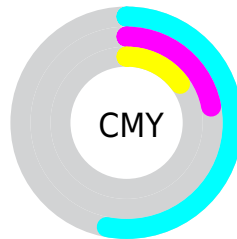
- Red (47%)
- Green (78%)
- Blue (85%)



- Red (47%)
- Yellow (64%)
- Blue (85%)



- Cyan (45%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (53%)
- Magenta (22%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78C6DA 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 78C6DA by changing the saturation by 10% instead.



 78C6DA

 78C6DA

FFFFFF

 5CABBE

 B1FFFF

 3E90A3

 CEFFFF

 1C7689

 EBFFFF

 005D6F

 004657

 002F40

 001C29

 000115

 000000

 78C6DA

 78C6DA

 62C2DA

 8ECADA

 4CBDDA

 A4CFDA

 37B9DA

 B9D3DA

 21B4DA

 CFD8DA

 0BB0DA

 E5DCDA

 00AEDA

 FBE1DA

 FFE5DA

 FFEADA

 FFEEDA

# Harmonies

## Analogous

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



79C8C4



78C6DA



8CC1E7

# Triad

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



78C6DA



E1ABC9



C2BC8C

# Complementary

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



78C6DA



DA8C78

# 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.



D8B48E



78C6DA



EBAAB1

# Square

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



78C6DA



CBB1DD



E7AD9B



A7C397

# Rectangle

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



78C6DA



A1BCEA



E7AD9B



CABA8B

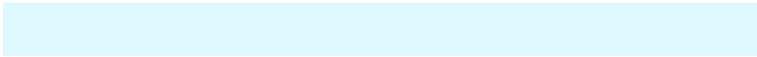


# Sweetspot

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



78C6DA



DEF8FF



78DA8C



6B7B80



000000



808080

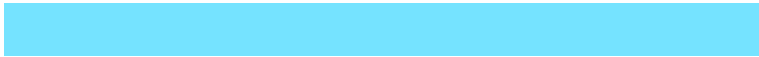


# Same Dimension

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



78C6DA



75E3FF



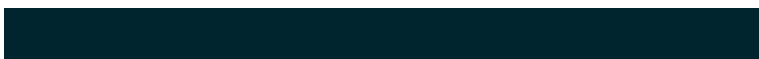
7895DA



636B6E



008AAD



00252E



# Inverse Universe

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



DA78C6



FF75E3



DABD78



6E636B



AD008A

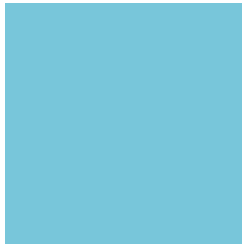


2E0025



# Previews

## White Background



This preview shows how the Hex color 78C6DA looks on a white background.

## Color Contrast Check

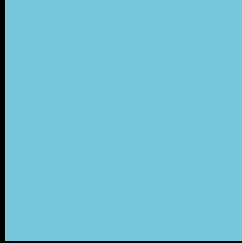
Large Text (above 18pt) WCAG AA × Fail

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 78C6DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

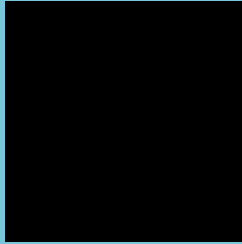
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 78C6DA Background



This preview shows how black text looks on a background with the Hex color 78C6DA.

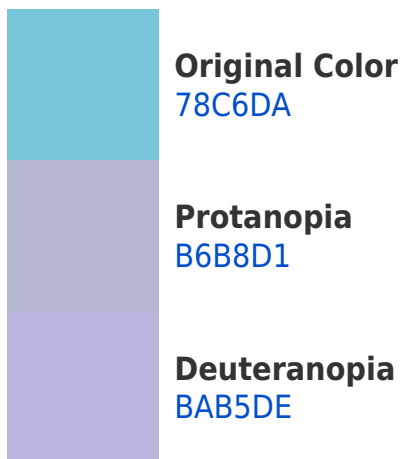


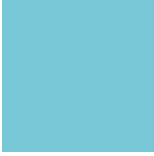
This preview shows how white text looks on a background with the Hex color 78C6DA.

# 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](#).

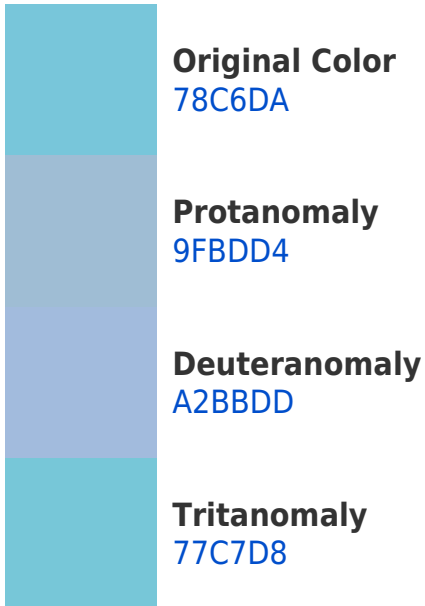
## Dichromacy



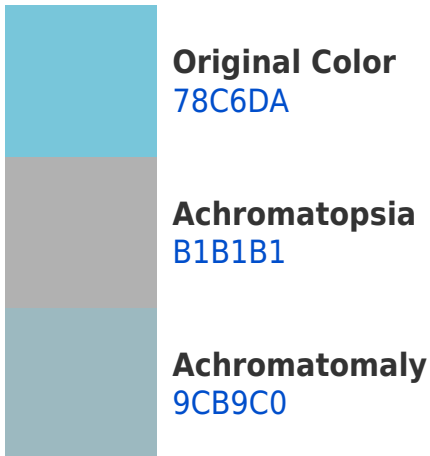


**Tritanopia**  
77C7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78C6DA 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 #78C6DA looks like.

```
.text, #text, p{  
    color:#78C6DA  
}
```

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 #78C6DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78C6DA
}
```

## Border

The CSS property to change the border of an element to Hex 78C6DA 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
#78C6DA }
```

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

```
.border{ border-color:#78C6DA }
```

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

Here you see how a box with a 4 pixel #78C6DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78C6DA; -webkit-box-shadow:4px 4px  
4px 4px #78C6DA; box-shadow:4px 4px 4px  
4px #78C6DA }
```

# Background

The CSS property to change the background color of an element to Hex 78C6DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78C6DA }
```

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

```
.background{ background-color:#78C6DA }
```

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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