

# Converting Colors

Hex(79C8C2)

Have a look what the booklet for  
Hex(79C8C2) contains.

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**Color**

**Hex(79C8C2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79C8C2
RGB	121, 200, 194
RGB Percent	47%, 78%, 76%
CMY	0.5255, 0.2157, 0.2392
CMYK	0.40, 0.00, 0.03, 0.22
HSL	175°, 42%, 63%
HSV	175°, 40%, 78%
XYZ	38.2770, 49.2685, 58.5313
YIQ	175.6950, -45.1580, -18.6140

# Conversions

## Conversions Part 2

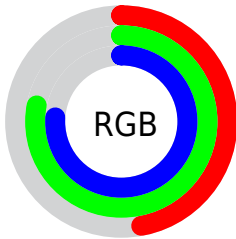
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 162, 200
Decimal	7981250
CIELab	75.62, -25.67, -4.66
CIELCh	76, 26.089, 190.283
Yxy	49.2685, 0.2620, 0.3373
Android (android.graphics.Color)	4286171330 (0xFF79C8C2)
YUV	175.6950, 9.0244, -47.9675
Hunter-Lab	70.1916, -25.4951, -0.3066

# Details

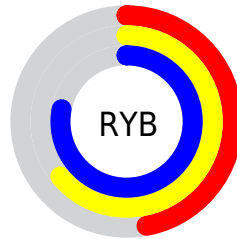
The Hex color **79C8C2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C8797F**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B1FFFA**, and **42928C** is the 20% darker color. If you saturate the color by 10%, you get **65C8C0**, and if you desaturate by 10%, it is **8DC8C4**.

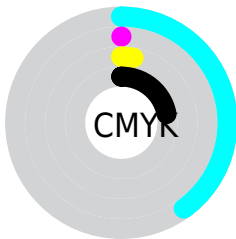
# Distribution



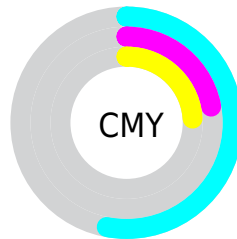
- Red (47%)
- Green (78%)
- Blue (76%)



- Red (47%)
- Yellow (64%)
- Blue (78%)



- Cyan (40%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (53%)
- Magenta (22%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79C8C2 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 79C8C2 by changing the saturation by 10% instead.



 79C8C2

 79C8C2

FFFFFF

 5EACA7

 B1FFFA

 42928C

 CDFFFF

 247873

 EBFFFF

 005F5B

 004743

 00302D

 001D18

 000000

 79C8C2

 79C8C2

65C8C0

8DC8C4

51C8BF

A1C8C5

3DC8BD

B5C8C7

29C8BC

C9C8C8

15C8BA

DDC8CA

01C8B9

F1C8CB

00C8B9

FFC8CD

FFC8CE

FFC8D0

# Harmonies

## Analogous

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



8EC7A9



79C8C2



75C6D9

# Triad

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



79C8C2



C9B1DF



DAB38E

# Complementary

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



79C8C2



C8797F

# 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.



E8AC9C



79C8C2



E0ABCB

# Square

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



79C8C2



A9BAE9



EBA9B3



C4BB8B

# Rectangle

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



79C8C2



80C3E3



EBA9B3



E0B191



# Sweetspot

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



79C8C2



E0FFFD



80C879



6E807E



000000



808080



# Same Dimension

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



79C8C2



87FFF6



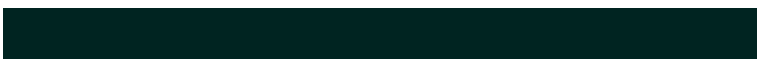
79A7C8



5A6363



00A397



002421



# Inverse Universe

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



C8797F



FF8790



C89A79



635A5A



A3000C

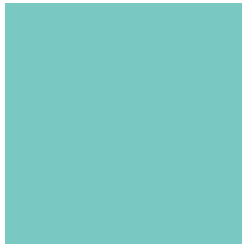


240003



# Previews

## White Background



This preview shows how the Hex color 79C8C2 looks on a white background.

## Color Contrast Check

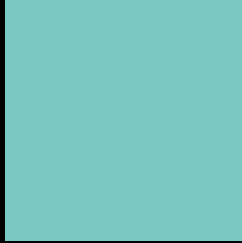
Large Text (above 18pt) WCAG AA × Fail

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 79C8C2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

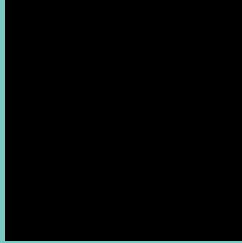
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

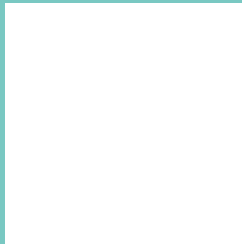
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 79C8C2 Background



This preview shows how black text looks on a background with the Hex color 79C8C2.



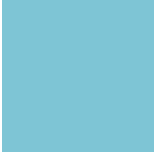
This preview shows how white text looks on a background with the Hex color 79C8C2.

# 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](#).

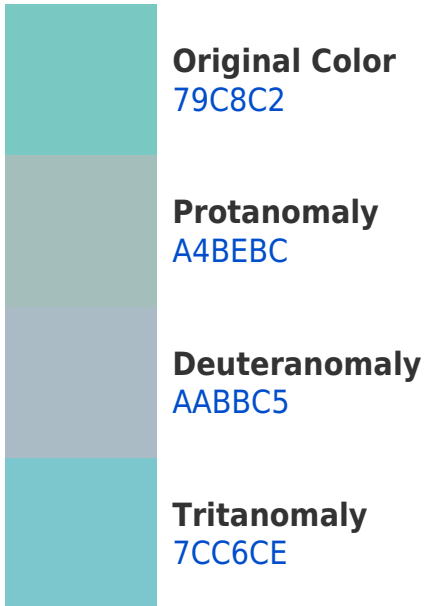
## Dichromacy



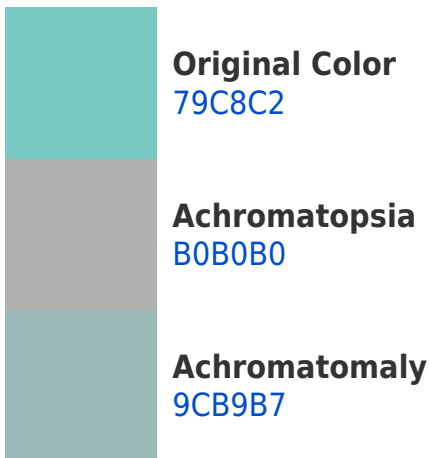


**Tritanopia**  
7EC5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79C8C2 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 #79C8C2 looks like.

```
.text, #text, p{  
    color:#79C8C2  
}
```

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 #79C8C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79C8C2
}
```

## Border

The CSS property to change the border of an element to Hex 79C8C2 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
#79C8C2 }
```

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

```
.border{ border-color:#79C8C2 }
```

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

Here you see how a box with a 4 pixel #79C8C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79C8C2; -webkit-box-shadow:4px 4px  
4px 4px #79C8C2; box-shadow:4px 4px 4px  
4px #79C8C2 }
```

# Background

The CSS property to change the background color of an element to Hex 79C8C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79C8C2 }
```

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

```
.background{ background-color:#79C8C2 }
```

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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