

# Converting Colors

Hex(76C6C2)

Have a look what the booklet for  
Hex(76C6C2) contains.

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# **Color**

**Hex(76C6C2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76C6C2
RGB	118, 198, 194
RGB Percent	46%, 78%, 76%
CMY	0.5373, 0.2235, 0.2392
CMYK	0.40, 0.00, 0.02, 0.22
HSL	177°, 41%, 62%
HSV	177°, 40%, 78%
XYZ	37.4029, 48.1348, 58.3585
YIQ	173.6240, -46.3960, -18.2040

# Conversions

## Conversions Part 2

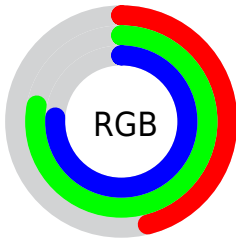
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 159, 198
Decimal	7784130
CIELab	74.91, -25.45, -5.72
CIELCh	75, 26.084, 192.663
Yxy	48.1348, 0.2599, 0.3345
Android (android.graphics.Color)	4285974210 (0xFF76C6C2)
YUV	173.6240, 10.0454, -48.7822
Hunter-Lab	69.3792, -25.1828, -1.3065

# Details

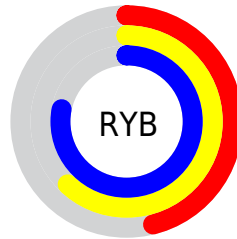
The Hex color **76C6C2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C6767A**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **AFFFFFFA**, and **3E908C** is the 20% darker color. If you saturate the color by 10%, you get **62C6C1**, and if you desaturate by 10%, it is **8AC6C3**.

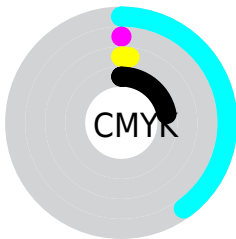
# Distribution



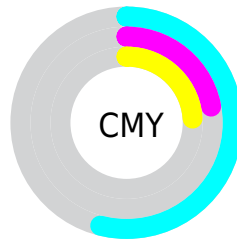
- Red (46%)
- Green (78%)
- Blue (76%)



- Red (46%)
- Yellow (62%)
- Blue (78%)



- Cyan (40%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (54%)
- Magenta (22%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76C6C2 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 76C6C2 by changing the saturation by 10% instead.



 76C6C2

 76C6C2

FFFFFF

 5AABA7

 AEFFFA

 3E908C

 CBFFFF

 1F7673

 E8FFFF

 005D5A

 004543

 002E2D

 001A18

 000000

 76C6C2

 76C6C2

■ 62C6C1

■ 8AC6C3

■ 4EC6C0

■ 9EC6C4

■ 3BC6BF

■ B1C6C5

■ 27C6BE

■ C5C6C6

■ 13C6BD

■ D9C6C7

■ 00C6BC

■ EDC6C8

■ FFC6C9

■ FFC6CA

■ FFC6CB

# Harmonies

## Analogous

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



8AC5A9



76C6C2



74C4D8

# Triad

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



76C6C2



C9AFDC



D7B28B

# Complementary

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



76C6C2



C6767A

# 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.



E6AB99



76C6C2



DFA9C7

# Square

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



76C6C2



A9B7E7



E9A7AF



C0BA89

# Rectangle

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



76C6C2



80C1E2



E9A7AF



DDAF8E



# Sweetspot

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



76C6C2



E0FFFD



7AC676



6E807F



000000



808080



# Same Dimension

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



76C6C2



85FFF9



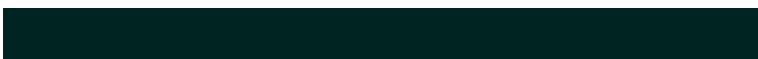
76A3C6



5A6363



00A39B



002422



# Inverse Universe

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



C6767A



FF858B



C69A76



635A5A



A30008

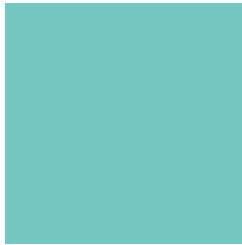


240002



# Previews

## White Background



This preview shows how the Hex color 76C6C2 looks on a white background.

## Color Contrast Check

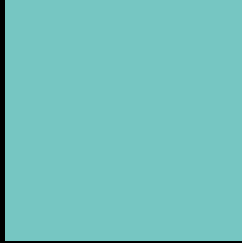
Large Text (above 18pt) WCAG AA × Fail

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 76C6C2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

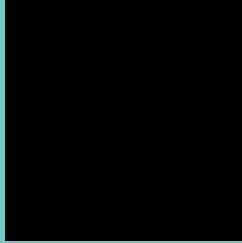
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

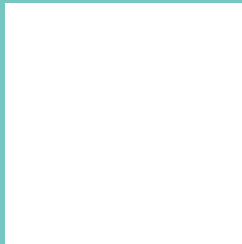
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76C6C2 Background



This preview shows how black text looks on a background with the Hex color 76C6C2.

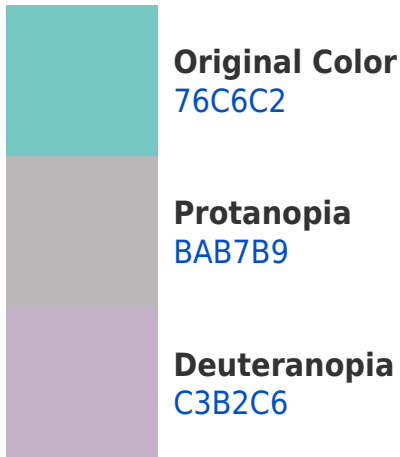


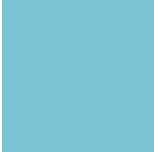
This preview shows how white text looks on a background with the Hex color 76C6C2.

# 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**  
7BC3D3

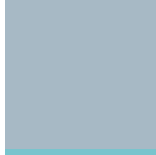
# Trichromacy



**Original Color**  
76C6C2



**Protanomaly**  
A1BCBC



**Deuteranomaly**  
A7B9C5

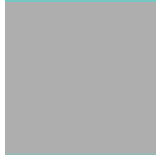


**Tritanomaly**  
79C4CD

# Monochromacy



**Original Color**  
76C6C2



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
9AB7B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76C6C2 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 #76C6C2 looks like.

```
.text, #text, p{  
    color:#76C6C2  
}
```

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 #76C6C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C6C2
}
```

## Border

The CSS property to change the border of an element to Hex 76C6C2 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
#76C6C2 }
```

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

```
.border{ border-color:#76C6C2 }
```

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

Here you see how a box with a 4 pixel #76C6C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C6C2; -webkit-box-shadow:4px 4px  
4px 4px #76C6C2; box-shadow:4px 4px 4px  
4px #76C6C2 }
```

# Background

The CSS property to change the background color of an element to Hex 76C6C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C6C2 }
```

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

```
.background{ background-color:#76C6C2 }
```

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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