

# Converting Colors

Hex(72C1C5)

Have a look what the booklet for  
Hex(72C1C5) contains.

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# **Color**

**Hex(72C1C5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72C1C5
RGB	114, 193, 197
RGB Percent	45%, 76%, 77%
CMY	0.5529, 0.2431, 0.2275
CMYK	0.42, 0.02, 0.00, 0.23
HSL	183°, 42%, 61%
HSV	183°, 42%, 77%
XYZ	36.0874, 45.7486, 59.7517
YIQ	169.8350, -48.3680, -15.5040

# Conversions

## Conversions Part 2

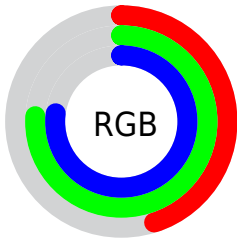
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 154, 197
Decimal	7520709
CIELab	73.38, -23.21, -9.63
CIELCh	73, 25.132, 202.543
Yxy	45.7486, 0.2549, 0.3231
Android (android.graphics.Color)	4285710789 (0xFF72C1C5)
YUV	169.8350, 13.3923, -48.9673
Hunter-Lab	67.6377, -23.1290, -5.0309

# Details

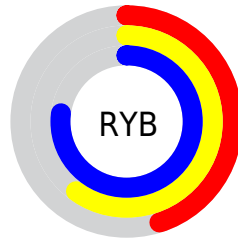
The Hex color **72C1C5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C57672**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **AAFAFE**, and **3A8B8F** is the 20% darker color. If you saturate the color by 10%, you get **5EC0C5**, and if you desaturate by 10%, it is **86C2C5**.

# Distribution



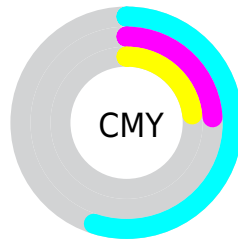
- Red (45%)
- Green (76%)
- Blue (77%)



- Red (45%)
- Yellow (60%)
- Blue (77%)



- Cyan (42%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)



- Cyan (55%)
- Magenta (24%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72C1C5 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 72C1C5 by changing the saturation by 10% instead.



 72C1C5

 72C1C5

FFFFFF

 56A6AA

 AAFAFE

 3A8B8F

 C7FFFF

 187176

 E4FFFF

 00595D

 004146

 002A2F

 00151B

 000000

 72C1C5

 72C1C5

 5EC0C5

 86C2C5

 4BBFC5

 99C3C5

 37BEC5

 ADC4C5

 23BDC5

 C1C5C5

 10BCC5

 D5C6C5

 00BCC5

 E8C7C5

 FCC8C5

 FFC9C5

 FFCAC5

# Harmonies

## Analogous

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



80C1AD



72C1C5



78BED8

# Triad

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



72C1C5



CCA9D0



CBB187

# Complementary

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



72C1C5



C57672

# 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.



DCA991



72C1C5



DEA4BB

# Square

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



72C1C5



B0B0DF



E3A4A4



B3B889

# Rectangle

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



72C1C5



87BAE0



E3A4A4



D1AE89

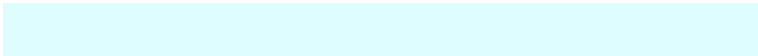


# Sweetspot

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



72C1C5



DEFDFF



72C575



6B7F80



000000



808080



# Same Dimension

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



72C1C5



7DF9FF



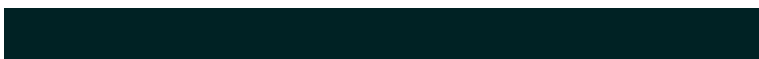
7299C5



5A6363



009BA3



002224



# Inverse Universe

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



C572C1



FF7DF9



C59E72



635A63



A3009B

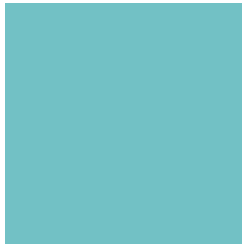


240022



# Previews

## White Background



This preview shows how the Hex color 72C1C5 looks on a white background.

## Color Contrast Check

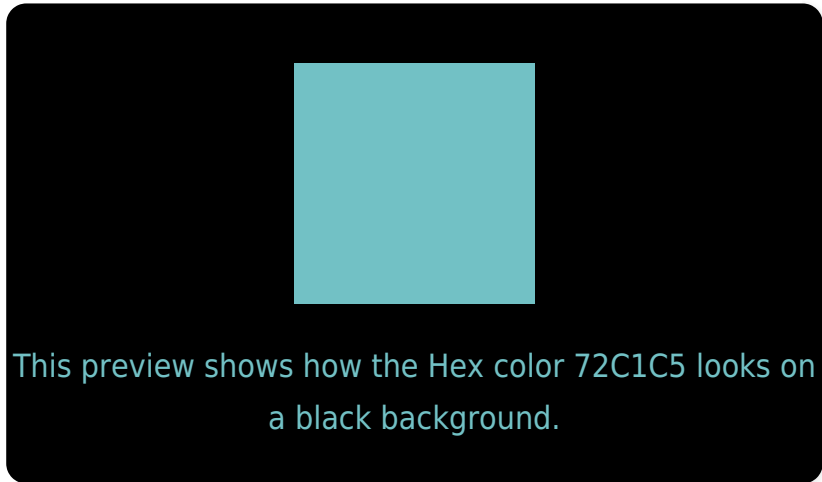
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

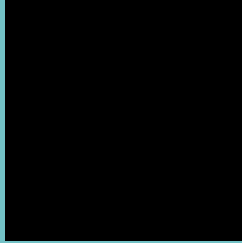
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

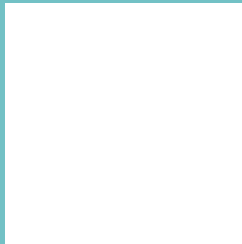
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 72C1C5 Background



This preview shows how black text looks on a background with the Hex color 72C1C5.

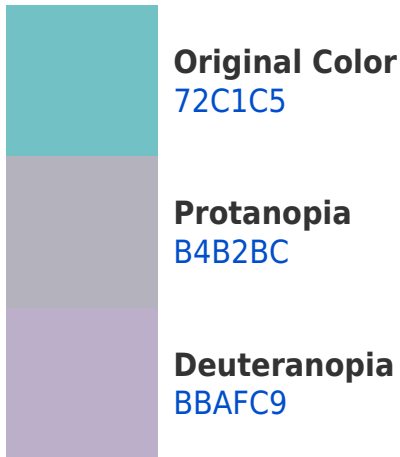


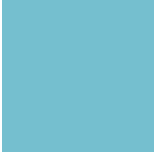
This preview shows how white text looks on a background with the Hex color 72C1C5.

# 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](#).

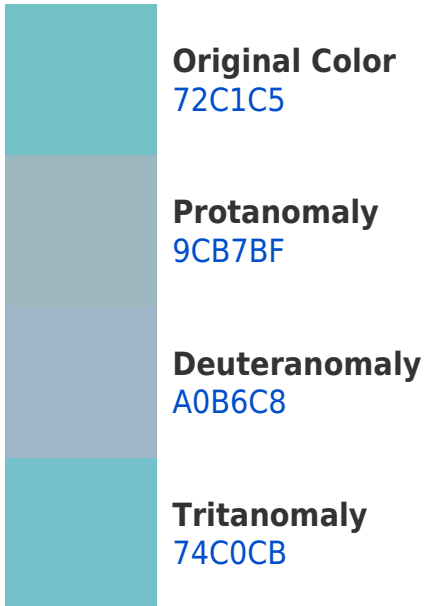
## Dichromacy



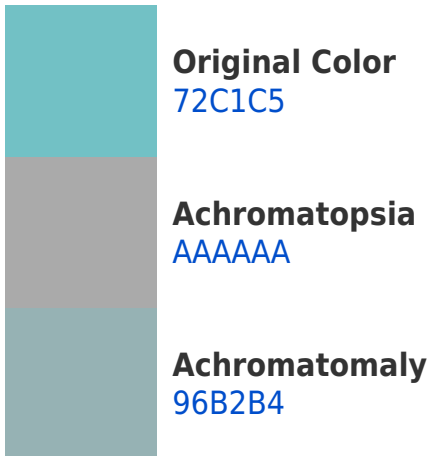


**Tritanopia**  
75BFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72C1C5 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 #72C1C5 looks like.

```
.text, #text, p{  
    color:#72C1C5  
}
```

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 #72C1C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72C1C5
}
```

## Border

The CSS property to change the border of an element to Hex 72C1C5 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
#72C1C5 }
```

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

```
.border{ border-color:#72C1C5 }
```

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

Here you see how a box with a 4 pixel #72C1C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72C1C5; -webkit-box-shadow:4px 4px  
4px 4px #72C1C5; box-shadow:4px 4px 4px  
4px #72C1C5 }
```

# Background

The CSS property to change the background color of an element to Hex 72C1C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72C1C5 }
```

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

```
.background{ background-color:#72C1C5 }
```

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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