

# Converting Colors

Hex(72C5CA)

Have a look what the booklet for  
Hex(72C5CA) contains.

<b>Hex(72C5CA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(72C5CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72C5CA
RGB	114, 197, 202
RGB Percent	45%, 77%, 79%
CMY	0.5529, 0.2275, 0.2078
CMYK	0.44, 0.02, 0.00, 0.21
HSL	183°, 45%, 62%
HSV	183°, 44%, 79%
XYZ	37.5664, 47.7742, 63.1185
YIQ	172.7530, -51.0730, -16.0410

# Conversions

## Conversions Part 2

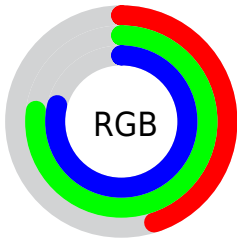
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 157, 202
Decimal	7521738
CIELab	74.68, -23.94, -10.41
CIELCh	75, 26.103, 203.510
Yxy	47.7742, 0.2530, 0.3218
Android (android.graphics.Color)	4285711818 (0xFF72C5CA)
YUV	172.7530, 14.4188, -51.5264
Hunter-Lab	69.1189, -23.9426, -5.7597

# Details

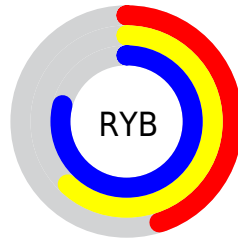
The Hex color **72C5CA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CA7772**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **AAFEFF**, and **398F94** is the 20% darker color. If you saturate the color by 10%, you get **5EC4CA**, and if you desaturate by 10%, it is **86C6CA**.

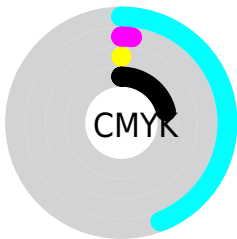
# Distribution



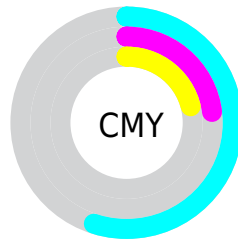
- Red (45%)
- Green (77%)
- Blue (79%)



- Red (45%)
- Yellow (62%)
- Blue (79%)



- Cyan (44%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (55%)
- Magenta (23%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72C5CA 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 72C5CA by changing the saturation by 10% instead.



 72C5CA

 72C5CA

FFFFFF

 56AAAF

 AAFFFF

 398F94

 C7FFFF

 15757A


 E4FFFF

 005C61

 00444A

 002E33

 001A1E

 000003

 000000

 72C5CA

 72C5CA

 5EC4CA

 86C6CA

 4AC3CA

 9AC7CA

 35C2CA

 AFC8CA

 21C0CA

 C3CACA

 0DBFCA

 D7CBCA

 00BFCA

 EBCCCA

 FFCDCA

 FFCECA

 FFCFCA

# Harmonies

## Analogous

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



81C5B1



72C5CA



79C2DE

# Triad

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



72C5CA



D2ACD5



CEB488

# Complementary

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



72C5CA



CA7772

# 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.



E1AD92



72C5CA



E4A7BE

# Square

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



72C5CA



B5B3E4



E9A7A6



B6BC8B

# Rectangle

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



72C5CA



89BEE5



E9A7A6



D5B28A

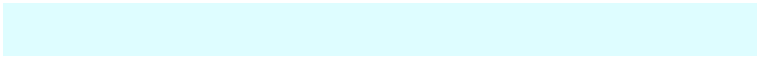


# Sweetspot

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



72C5CA



DEFDFF



72CA76



6B7E80



000000



808080



# Same Dimension

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



72C5CA



7AF7FF



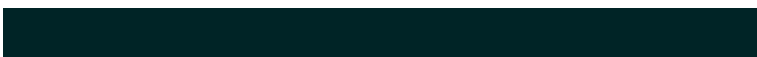
729ACA



5C6566



009CA6



002426



# Inverse Universe

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



CA72C5



FF7AF7



CAA272



665C65



A6009C

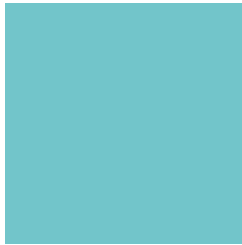


260024



# Previews

## White Background



This preview shows how the Hex color 72C5CA looks on a white background.

## Color Contrast Check

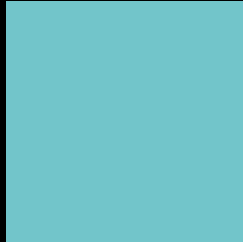
Large Text (above 18pt) WCAG AA × Fail

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 72C5CA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

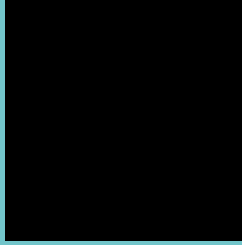
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

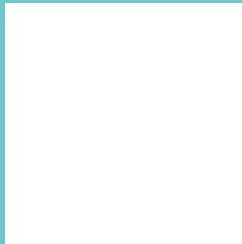
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 72C5CA Background



This preview shows how black text looks on a background with the Hex color 72C5CA.

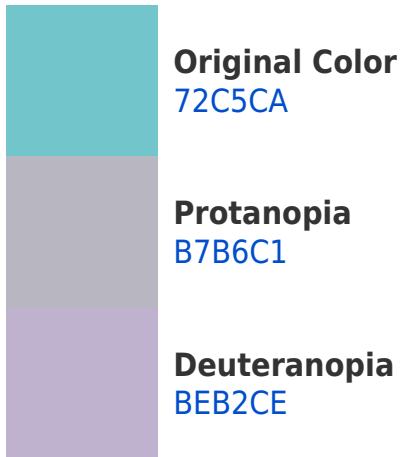


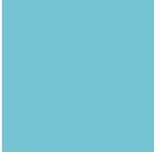
This preview shows how white text looks on a background with the Hex color 72C5CA.

# 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**  
75C4D3

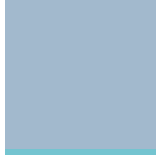
# Trichromacy



**Original Color**  
72C5CA



**Protanomaly**  
9EBBC4



**Deuteranomaly**  
A2B9CD

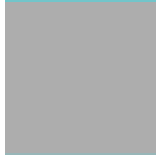


**Tritanomaly**  
74C4D0

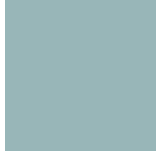
# Monochromacy



**Original Color**  
72C5CA



**Achromatopsia**  
ADADAD



**Achromatomaly**  
98B6B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72C5CA 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 #72C5CA looks like.

```
.text, #text, p{  
    color:#72C5CA  
}
```

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 #72C5CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72C5CA
}
```

## Border

The CSS property to change the border of an element to Hex 72C5CA 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
#72C5CA }
```

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

```
.border{ border-color:#72C5CA }
```

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

Here you see how a box with a 4 pixel #72C5CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72C5CA; -webkit-box-shadow:4px 4px  
4px 4px #72C5CA; box-shadow:4px 4px 4px  
4px #72C5CA }
```

# Background

The CSS property to change the background color of an element to Hex 72C5CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72C5CA }
```

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

```
.background{ background-color:#72C5CA }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor