

# Converting Colors

Hex(72C5CF)

Have a look what the booklet for  
Hex(72C5CF) contains.

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# Color

Hex(72C5CF)

# Conversions

## Conversions Part 1

Format	Color
Hex	72C5CF
RGB	114, 197, 207
RGB Percent	45%, 77%, 81%
CMY	0.5529, 0.2275, 0.1882
CMYK	0.45, 0.05, 0.00, 0.19
HSL	186°, 49%, 63%
HSV	186°, 45%, 81%
XYZ	38.1682, 48.0149, 66.2876
YIQ	173.3230, -52.6780, -14.4860

# Conversions

## Conversions Part 2

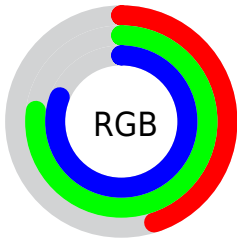
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 158, 207
Decimal	7521743
CIELab	74.83, -22.64, -12.90
CIELCh	75, 26.057, 209.664
Yxy	48.0149, 0.2503, 0.3149
Android (android.graphics.Color)	4285711823 (0xFF72C5CF)
YUV	173.3230, 16.6028, -52.0263
Hunter-Lab	69.2928, -22.9402, -8.2137

# Details

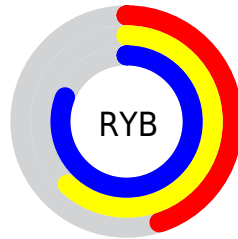
The Hex color **72C5CF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CF7C72**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **ABFEFF**, and **388F99** is the 20% darker color. If you saturate the color by 10%, you get **5DC3CF**, and if you desaturate by 10%, it is **87C7CF**.

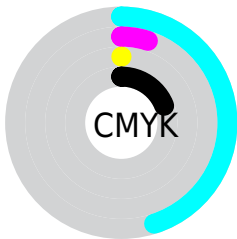
# Distribution



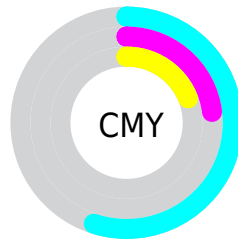
- Red (45%)
- Green (77%)
- Blue (81%)



- Red (45%)
- Yellow (62%)
- Blue (81%)



- Cyan (45%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (55%)
- Magenta (23%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72C5CF 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 72C5CF by changing the saturation by 10% instead.



 72C5CF

 72C5CF

FFFFFF

 56AAB3

 ABFEFF

 388F99


 C8FFFF

 12757F

 E5FFFF

 005C66

 00444E

 002E37

 001B22

 00000A

 000000

 72C5CF

 72C5CF

 5DC3CF

 87C7CF

 49C1CF

 9BC9CF

 34BECF

 B0CCCF

 1FBCCF

 C5CECF

 0BBACF

 DAD0CF

 00B9CF

 EED2CF

 FFD5CF

 FFD7CF

 FFD9CF

# Harmonies

## Analogous

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



7DC6B7



72C5CF



7DC1E1

# Triad

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



72C5CF



D7ABD1



CAB688

# Complementary

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



72C5CF



CF7C72

# 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.



DEAF90



72C5CF



E6A7B9

# Square

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



72C5CF



BCB2E2



E9A8A2



B0BE8E

# Rectangle

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



72C5CF



90BDE7



E9A8A2



D2B489

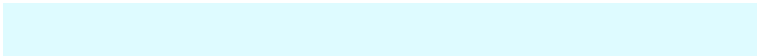


# Sweetspot

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



72C5CF



DEFBFF



72CF7B



6B7D80



000000



808080

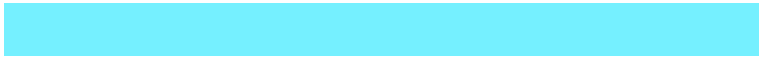


# Same Dimension

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



72C5CF



75F0FF



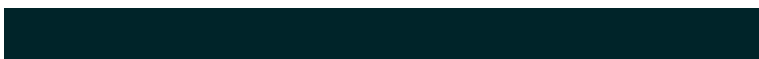
7297CF



5E6769



0096A8



002429



# Inverse Universe

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



CF72C5



FF75F0



CFAA72



695E67



A80096

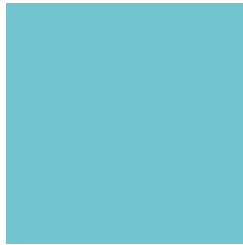


290024



# Previews

## White Background



This preview shows how the Hex color 72C5CF looks on a white background.

## Color Contrast Check

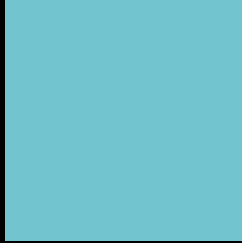
Large Text (above 18pt) WCAG AA × Fail

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 72C5CF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

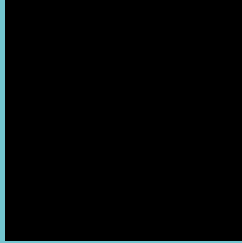
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72C5CF Background



This preview shows how black text looks on a background with the Hex color 72C5CF.



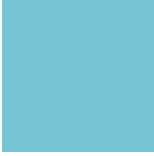
This preview shows how white text looks on a background with the Hex color 72C5CF.

# 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](#).

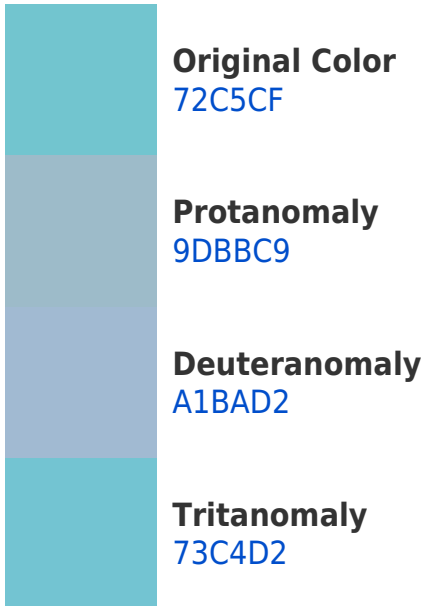
## Dichromacy



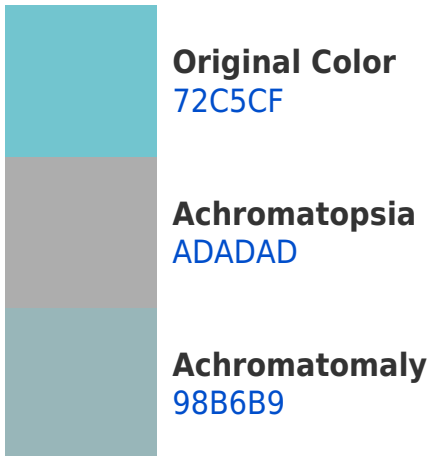


**Tritanopia**  
74C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72C5CF 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 #72C5CF looks like.

```
.text, #text, p{  
    color:#72C5CF  
}
```

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 #72C5CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72C5CF  
}
```

## Border

The CSS property to change the border of an element to Hex 72C5CF 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  
#72C5CF }
```

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

```
.border{ border-color:#72C5CF }
```

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

Here you see how a box with a 4 pixel #72C5CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72C5CF; -webkit-box-shadow:4px 4px  
4px 4px #72C5CF; box-shadow:4px 4px 4px  
4px #72C5CF }
```

# Background

The CSS property to change the background color of an element to Hex 72C5CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72C5CF }
```

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

```
.background{ background-color:#72C5CF }
```

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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