

# Converting Colors

Hex(71CAD7)

Have a look what the booklet for  
Hex(71CAD7) contains.

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# **Color**

**Hex(71CAD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71CAD7
RGB	113, 202, 215
RGB Percent	44%, 79%, 84%
CMY	0.5569, 0.2078, 0.1569
CMYK	0.47, 0.06, 0.00, 0.16
HSL	188°, 56%, 64%
HSV	188°, 47%, 84%
XYZ	40.1963, 50.6581, 71.9494
YIQ	176.8710, -57.2170, -14.8250

# Conversions

## Conversions Part 2

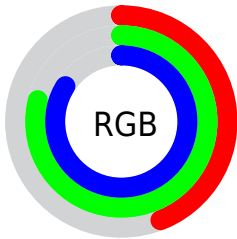
Format	Color
R <sub>YB</sub>	113, 161, 215
Decimal	7457495
CIE <sub>Lab</sub>	76.47, -23.28, -14.77
CIE <sub>LCh</sub>	76, 27.567, 212.393
Y <sub>xy</sub>	50.6581, 0.2469, 0.3112
Android (android.graphics.Color)	4285647575 (0xFF71CAD7)
YUV	176.8710, 18.7976, -56.0149
Hunter-Lab	71.1745, -23.7461, -10.1134

# Details

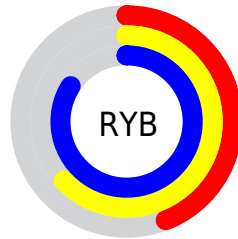
The Hex color **71CAD7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D77E71**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **AAFFFF**, and **3594A0** is the 20% darker color. If you saturate the color by 10%, you get **5CC7D7**, and if you desaturate by 10%, it is **87CDD7**.

# Distribution



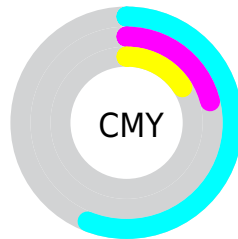
- Red (44%)
- Green (79%)
- Blue (84%)



- Red (44%)
- Yellow (63%)
- Blue (84%)



- Cyan (47%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (56%)
- Magenta (21%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71CAD7 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 71CAD7 by changing the saturation by 10% instead.



 71CAD7

 71CAD7

FFFFFF

 54AE8B

 AAFFFF

 3594A0

 C8FFFF

 077A86

 E5FFFF

 00616D

 004954

 00323D

 001E27

 000113

 000000

 71CAD7

 71CAD7

 5CC7D7

 87CDD7

 46C5D7

 9CCFD7

 31C2D7

 B2D2D7

 1BBFD7

 C7D5D7

 05BCD7

 DDD8D7

 00BCD7

 F2DAD7

 FFDDD7

 FFE0D7

 FFE3D7

# Harmonies

## Analogous

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



7BCBBE



71CAD7



80C6E9

# Triad

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



71CAD7



DFAED5



CDBC8A

# Complementary

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



71CAD7



D77E71

# 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.



E3B390



71CAD7



EEAABC

# Square

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



71CAD7



C3B5E8



EFACA3



B2C391

# Rectangle

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



71CAD7



94C1EF



EFACA3



D5B98A

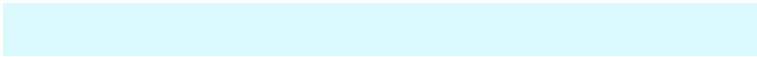


# Sweetspot

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



71CAD7



DBFAFF



71D77D



6A7D80



000000



808080



# Same Dimension

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



71CAD7



6EECFE



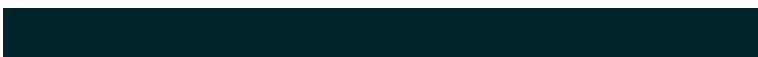
7198D7



606A6B



0095AB



00262B



# Inverse Universe

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



D771CA



FF6EEC



D7B071



6B606A



AB0095

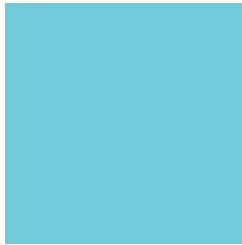


2B0026



# Previews

## White Background



This preview shows how the Hex color 71CAD7 looks on a white background.

## Color Contrast Check

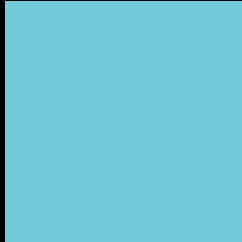
Large Text (above 18pt) WCAG AA × Fail

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 71CAD7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

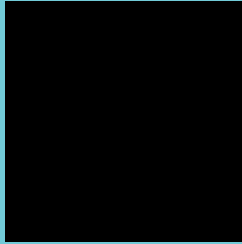
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 71CAD7 Background



This preview shows how black text looks on a background with the Hex color 71CAD7.

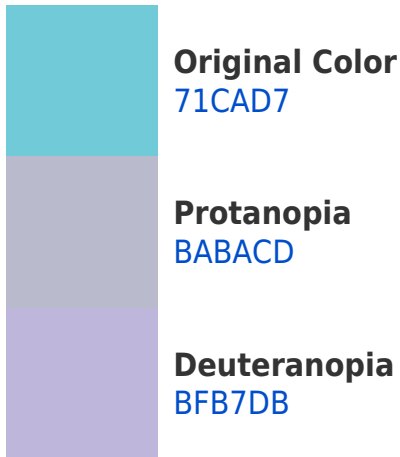


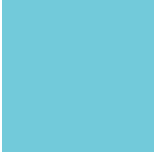
This preview shows how white text looks on a background with the Hex color 71CAD7.

# Color Blindness Simulation

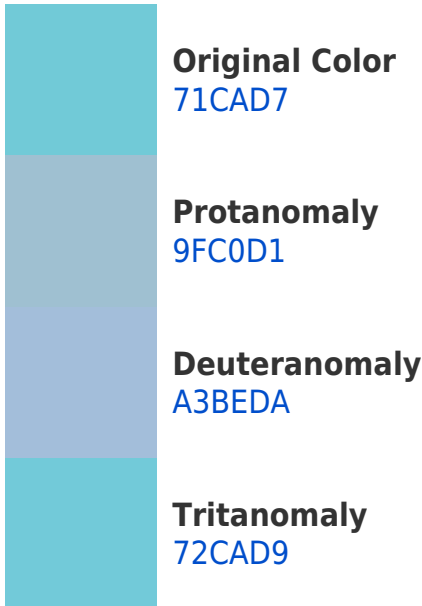
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

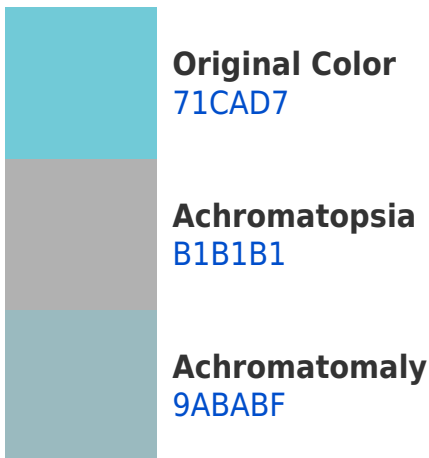




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71CAD7 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 #71CAD7 looks like.

```
.text, #text, p{  
    color:#71CAD7  
}
```

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 #71CAD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71CAD7  
}
```

## Border

The CSS property to change the border of an element to Hex 71CAD7 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  
#71CAD7 }
```

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

```
.border{ border-color:#71CAD7 }
```

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

Here you see how a box with a 4 pixel #71CAD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71CAD7; -webkit-box-shadow:4px 4px  
4px 4px #71CAD7; box-shadow:4px 4px 4px  
4px #71CAD7 }
```

# Background

The CSS property to change the background color of an element to Hex 71CAD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71CAD7 }
```

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

```
.background{ background-color:#71CAD7 }
```

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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