

# Converting Colors

Hex(75CAD9)

Have a look what the booklet for  
Hex(75CAD9) contains.

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**Color**

**Hex(75CAD9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75CAD9
RGB	117, 202, 217
RGB Percent	46%, 79%, 85%
CMY	0.5412, 0.2078, 0.1490
CMYK	0.46, 0.07, 0.00, 0.15
HSL	189°, 57%, 65%
HSV	189°, 46%, 85%
XYZ	40.9810, 51.0327, 73.3360
YIQ	178.2950, -55.4750, -13.3550

# Conversions

## Conversions Part 2

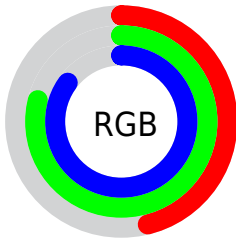
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">117, 163, 217</a>
Decimal	<a href="#">7719641</a>
CIELab	<a href="#">76.70, -21.83, -15.49</a>
CIElCh	<a href="#">77, 26.767, 215.354</a>
Yxy	<a href="#">51.0327, 0.2478, 0.3086</a>
Android (android.graphics.Color)	<a href="#">4285909721</a> ( <a href="#">0xFF75CAD9</a> )
YUV	<a href="#">178.2950, 19.0816, -53.7557</a>
Hunter-Lab	<a href="#">71.4372, -22.6158, -10.8599</a>

# Details

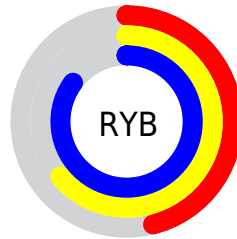
The Hex color **75CAD9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D98475**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **AFFFFFF**, and **3A94A2** is the 20% darker color. If you saturate the color by 10%, you get **5FC7D9**, and if you desaturate by 10%, it is **8BCDD9**.

# Distribution



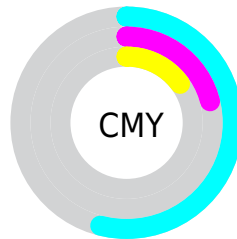
- Red (46%)
- Green (79%)
- Blue (85%)



- Red (46%)
- Yellow (64%)
- Blue (85%)



- Cyan (46%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (54%)
- Magenta (21%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75CAD9 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 75CAD9 by changing the saturation by 10% instead.



 75CAD9

 75CAD9

FFFFFF

 58AEBD

 AEFFFF

 3A94A2

 CBFFFF

 147A88

 E9FFFF

 00616F

 004956

 00323F

 001E29

 000114

 000000

 75CAD9

 75CAD9

 5FC7D9

 8BCDD9

 4AC3D9

 A0D1D9

 34C0D9

 B6D4D9

 1EBDD9

 CCD7D9

 09BAD9

 E2DAD9

 00B8D9

 F7DED9

 FFE1D9

 FFE4D9

 FFE7D9

# Harmonies

## Analogous

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



7CCBC1



75CAD9



85C5EA

# Triad

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



75CAD9



E1AED2



CBB88C

# Complementary

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



75CAD9



D98475

# 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.



E1B591



75CAD9



EFABBA

# Square

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



75CAD9



C7B5E6



EEAEA2



B0C494

# Rectangle

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



75CAD9



9AC1EE



EEAEA2



D3BA8C

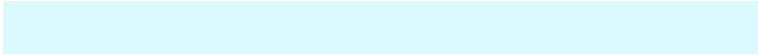


# Sweetspot

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



75CAD9



DBFAFF



75D984



6A7C80



000000



808080

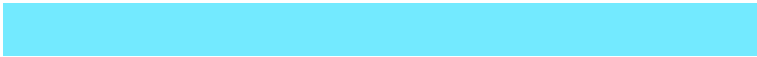


# Same Dimension

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



75CAD9



73EAFB



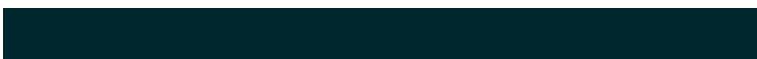
7598D9



636C6E



0093AD



00272E



# Inverse Universe

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



D975CA



FF73EA



D9B675



6E636C



AD0093

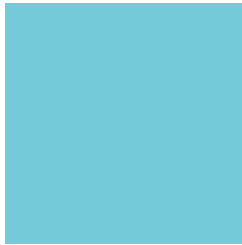


2E0027



# Previews

## White Background



This preview shows how the Hex color 75CAD9 looks on a white background.

## Color Contrast Check

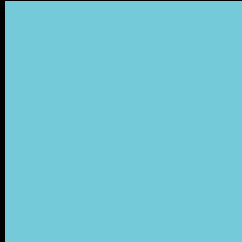
Large Text (above 18pt) WCAG AA × Fail

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 75CAD9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

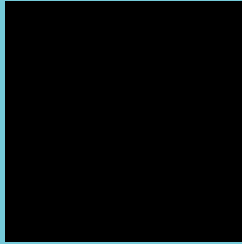
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 75CAD9 Background



This preview shows how black text looks on a background with the Hex color 75CAD9.

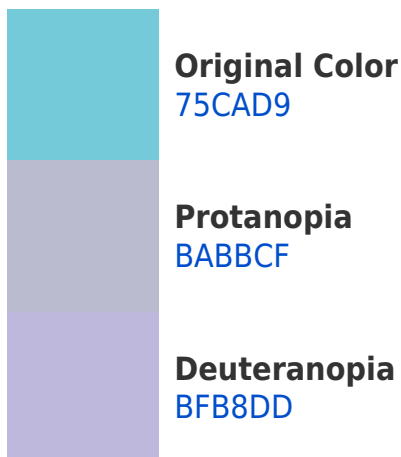


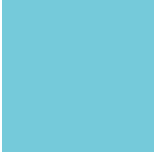
This preview shows how white text looks on a background with the Hex color 75CAD9.

# Color Blindness Simulation

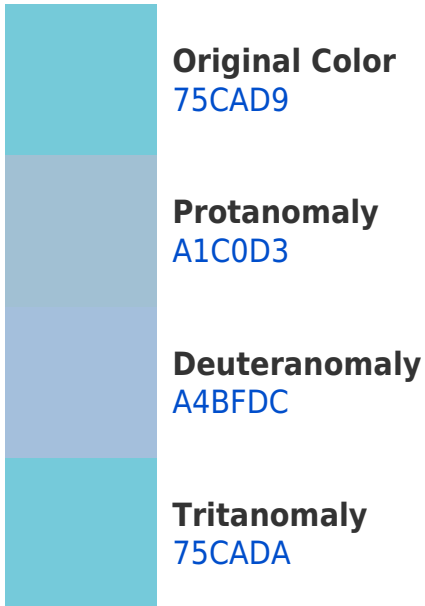
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

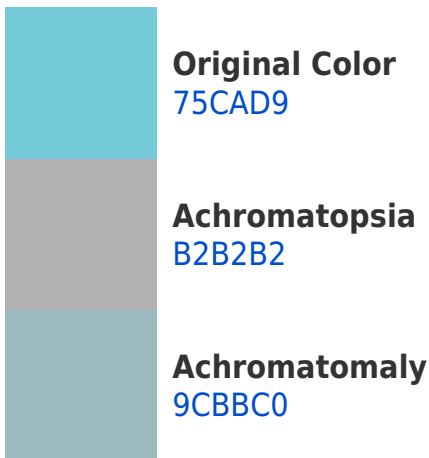




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75CAD9 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 #75CAD9 looks like.

```
.text, #text, p{  
    color:#75CAD9  
}
```

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 #75CAD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75CAD9
}
```

## Border

The CSS property to change the border of an element to Hex 75CAD9 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
#75CAD9 }
```

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

```
.border{ border-color:#75CAD9 }
```

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

Here you see how a box with a 4 pixel #75CAD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75CAD9; -webkit-box-shadow:4px 4px  
4px 4px #75CAD9; box-shadow:4px 4px 4px  
4px #75CAD9 }
```

# Background

The CSS property to change the background color of an element to Hex 75CAD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75CAD9 }
```

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

```
.background{ background-color:#75CAD9 }
```

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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