

# Converting Colors

Hex(75C9DF)

Have a look what the booklet for  
Hex(75C9DF) contains.

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**Color**

**Hex(75C9DF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75C9DF
RGB	117, 201, 223
RGB Percent	46%, 79%, 87%
CMY	0.5412, 0.2118, 0.1255
CMYK	0.48, 0.10, 0.00, 0.13
HSL	192°, 62%, 67%
HSV	192°, 48%, 87%
XYZ	41.5420, 50.8829, 77.4439
YIQ	178.3920, -57.1260, -10.9660

# Conversions

## Conversions Part 2

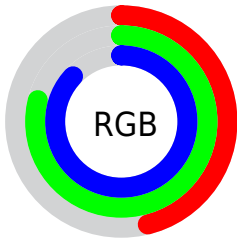
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">117, 164, 223</a>
Decimal	<a href="#">7719391</a>
CIELab	<a href="#">76.61, -19.72, -18.86</a>
CIELCh	<a href="#">77, 27.289, 223.716</a>
Yxy	<a href="#">50.8829, 0.2446, 0.2995</a>
Android (android.graphics.Color)	<a href="#">4285909471 (0xFF75C9DF)</a>
YUV	<a href="#">178.3920, 21.9917, -53.8408</a>
Hunter-Lab	<a href="#">71.3323, -20.8777, -14.4373</a>

# Details

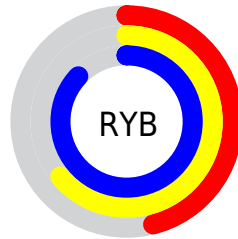
The Hex color **75C9DF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DF8B75**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **AFFFFFF**, and **3993A8** is the 20% darker color. If you saturate the color by 10%, you get **5FC4DF**, and if you desaturate by 10%, it is **8BCEDF**.

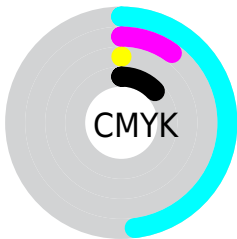
# Distribution



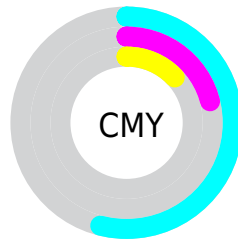
- Red (46%)
- Green (79%)
- Blue (87%)



- Red (46%)
- Yellow (64%)
- Blue (87%)



- Cyan (48%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (54%)
- Magenta (21%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75C9DF 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 75C9DF by changing the saturation by 10% instead.



 75C9DF

 75C9DF


FFFFFF

 58AEC3

 AEFFFF

 3993A8

 CCFFFF

 11798D

 E9FFFF

 006074

 00485B

 003144

 001E2D

 000119

 000000

 75C9DF

 75C9DF

 5FC4DF

 8BCEDF

 48C0DF

 A2D2DF

 32BBDF

 B8D7DF

 1CB6DF

 CEDCDF

 05B2DF

 E4E0DF

 00B1DF

 FBE5DF

 FFE9DF

 FFEEDF

 FFF3DF

# Harmonies

## Analogous

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



76CBC8



75C9DF



8CC3ED

# Triad

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



75C9DF



E7ACCC



C4BF8C

# Complementary

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



75C9DF



DF8B75

# 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.



DCB78D



75C9DF



F0ABB2

# Square

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



75C9DF



CFB3E2



ECAF9B



A7C698

# Rectangle

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



75C9DF



A2BEEF



ECAF9B



CCBC8B

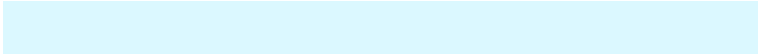


# Sweetspot

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



75C9DF



DBF8FF



75DF8A



6A7B80



000000



808080



# Same Dimension

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



75C9DF



6EE1FF



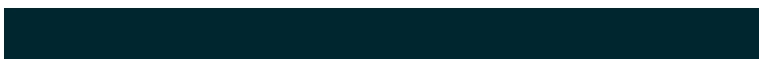
7595DF



656E70



008BB0



002630



# Inverse Universe

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



DF75C9



FF6EE1



DFBF75



70656E



B0008B

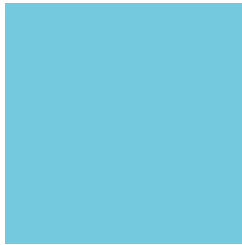


300026



# Previews

## White Background



This preview shows how the Hex color 75C9DF looks on a white background.

## Color Contrast Check

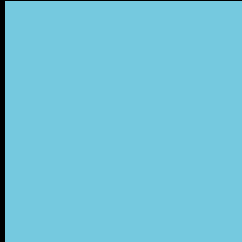
Large Text (above 18pt) WCAG AA × Fail

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 75C9DF 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 75C9DF Background



This preview shows how black text looks on a background with the Hex color 75C9DF.



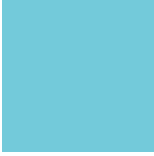
This preview shows how white text looks on a background with the Hex color 75C9DF.

# Color Blindness Simulation

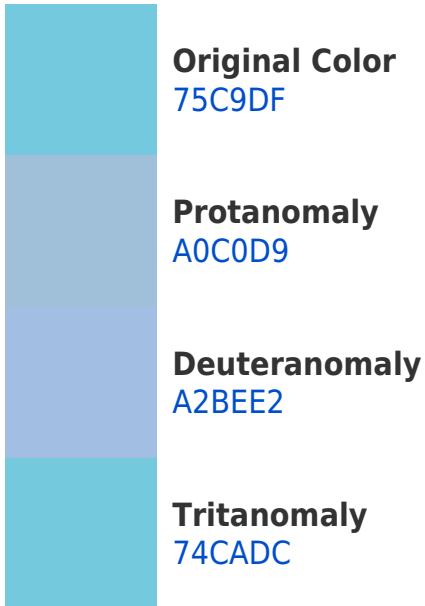
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

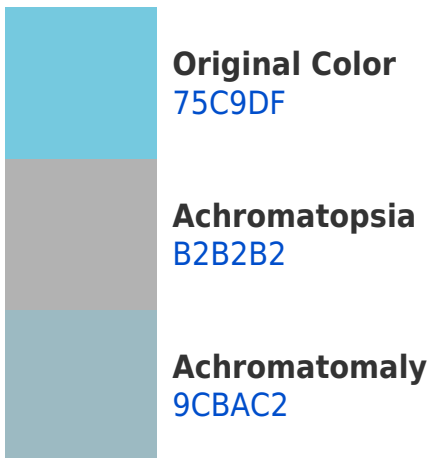




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75C9DF 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 #75C9DF looks like.

```
.text, #text, p{  
    color:#75C9DF  
}
```

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 #75C9DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75C9DF  
}
```

## Border

The CSS property to change the border of an element to Hex 75C9DF 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  
#75C9DF }
```

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

```
.border{ border-color:#75C9DF }
```

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

Here you see how a box with a 4 pixel #75C9DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75C9DF; -webkit-box-shadow:4px 4px  
4px 4px #75C9DF; box-shadow:4px 4px 4px  
4px #75C9DF }
```

# Background

The CSS property to change the background color of an element to Hex 75C9DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75C9DF }
```

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

```
.background{ background-color:#75C9DF }
```

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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