

Converting Colors

Hex(70C7DF)

Have a look what the booklet for
Hex(70C7DF) contains.

Hex(70C7DF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(70C7DF)

Conversions

Conversions Part 1

Format	Color
Hex	70C7DF
RGB	112, 199, 223
RGB Percent	44%, 78%, 87%
CMY	0.5608, 0.2196, 0.1255
CMYK	0.50, 0.11, 0.00, 0.13
HSL	193°, 63%, 66%
HSV	193°, 50%, 87%
XYZ	40.4248, 49.6193, 77.2589
YIQ	175.7230, -59.5560, -10.9800

Conversions

Conversions Part 2

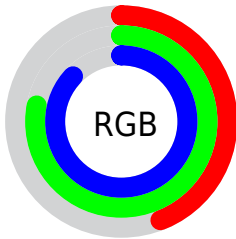
Format	Color
R _{YB}	112, 161, 223
Decimal	7391199
CIE _{Lab}	75.83, -19.82, -20.05
CIE _{LCh}	76, 28.195, 225.323
Yxy	49.6193, 0.2416, 0.2966
Android (android.graphics.Color)	4285581279 (0xFF70C7DF)
YUV	175.7230, 23.3076, -55.8851
Hunter-Lab	70.4410, -20.8338, -15.7200

Details

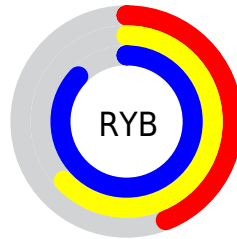
The Hex color **70C7DF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DF8870**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **AAFFFF**, and **3291A8** is the 20% darker color. If you saturate the color by 10%, you get **5AC2DF**, and if you desaturate by 10%, it is **86CCDF**.

Distribution



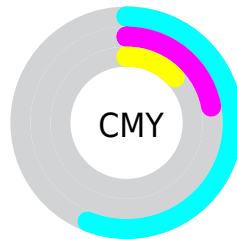
- Red (44%)
- Green (78%)
- Blue (87%)



- Red (44%)
- Yellow (63%)
- Blue (87%)



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (56%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70C7DF 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 70C7DF by changing the saturation by 10% instead.

 70C7DF

 70C7DF

FFFFFF

 53ACC3


 AAFFFF

 3291A8

 C7FFFF

 00778D

 E5FFFF

 005E74

 00465B

 003044

 001C2D

 000119

 000000

■ 70C7DF

■ 70C7DF

■ 5AC2DF

■ 86CCDF

■ 43BDDF

■ 9DD1DF

■ 2DB9DF

■ B3D5DF

■ 17B4DF

■ C9DADF

■ 01AFDF

■ E0DFDF

■ 00AFDF

■ F6E4DF

■ FFE9DF

■ FFEEDF

■ FFF2DF

Harmonies

Analogous

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



70CAC8



70C7DF



89C1ED

Triad

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



70C7DF



E7A9C9



C0BD88

Complementary

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



70C7DF



DF8870

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.



D9B589



70C7DF



F0A8AE

Square

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



70C7DF



CFB0E0



EBAD97



A3C496

Rectangle

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



70C7DF



A1BCEE



EBAD97



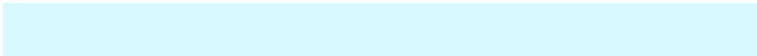
C9BB87

Sweetspot

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



70C7DF



D9F7FF



70DF86



697B80



000000



808080

Same Dimension

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



70C7DF



66DEFF



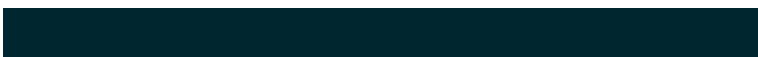
7091DF



656E70



008AB0



002630

Inverse Universe

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



DF70C7



FF66DE



DFBE70



70656E



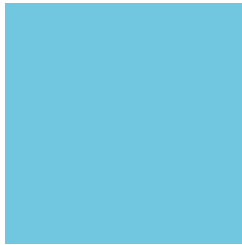
B0008A



300026

Previews

White Background



This preview shows how the Hex color 70C7DF looks on a white background.

Color Contrast Check

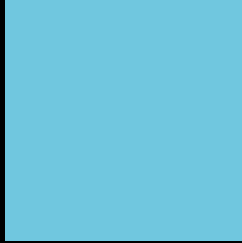
Large Text (above 18pt) WCAG AA × Fail

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 70C7DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

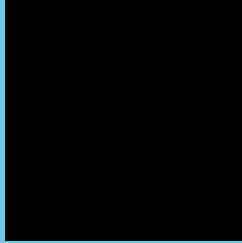
Any Text WCAG AA ✓ Pass

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 70C7DF Background



This preview shows how black text looks on a background with the Hex color 70C7DF.

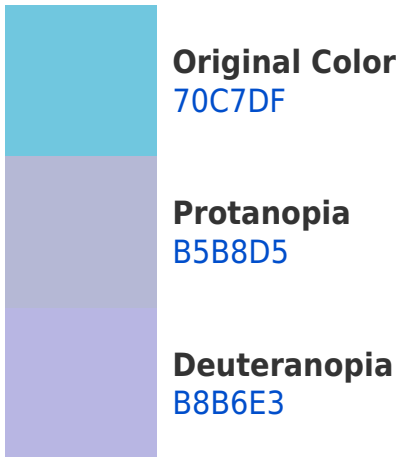


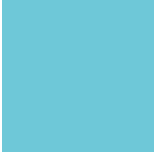
This preview shows how white text looks on a background with the Hex color 70C7DF.

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



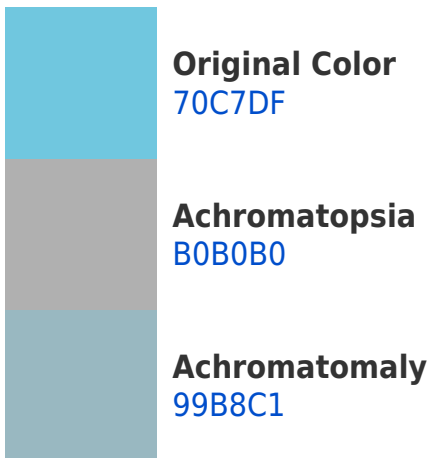


Tritanopia
6EC8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70C7DF 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 #70C7DF looks like.

```
.text, #text, p{  
    color:#70C7DF  
}
```

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 #70C7DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70C7DF  
}
```

Border

The CSS property to change the border of an element to Hex 70C7DF 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  
#70C7DF }
```

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

```
.border{ border-color:#70C7DF }
```

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

Here you see how a box with a 4 pixel #70C7DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70C7DF; -webkit-box-shadow:4px 4px  
4px 4px #70C7DF; box-shadow:4px 4px 4px  
4px #70C7DF }
```

Background

The CSS property to change the background color of an element to Hex 70C7DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70C7DF }
```

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

```
.background{ background-color:#70C7DF }
```

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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