

Converting Colors

Hex(70C5E2)

Have a look what the booklet for
Hex(70C5E2) contains.

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Color

Hex(70C5E2)

Conversions

Conversions Part 1

Format	Color
Hex	70C5E2
RGB	112, 197, 226
RGB Percent	44%, 77%, 89%
CMY	0.5608, 0.2275, 0.1137
CMYK	0.50, 0.13, 0.00, 0.11
HSL	195°, 66%, 66%
HSV	195°, 50%, 89%
XYZ	40.3758, 48.8682, 79.2560
YIQ	174.8910, -59.9690, -9.0010

Conversions

Conversions Part 2

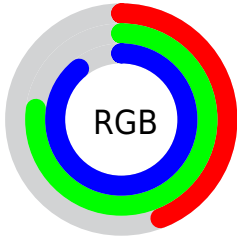
Format	Color
RYB	112, 161, 226
Decimal	7390690
CIELab	75.37, -17.97, -22.38
CIElCh	75, 28.698, 231.234
Yxy	48.8682, 0.2396, 0.2900
Android (android.graphics.Color)	4285580770 (0xFF70C5E2)
YUV	174.8910, 25.1967, -55.1554
Hunter-Lab	69.9058, -19.2382, -18.2862

Details

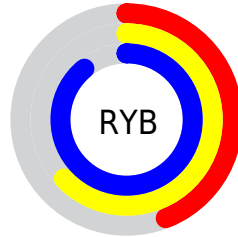
The Hex color **70C5E2** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E28D70**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **AAFEFF**, and **328FAB** is the 20% darker color. If you saturate the color by 10%, you get **59BFE2**, and if you desaturate by 10%, it is **87CBE2**.

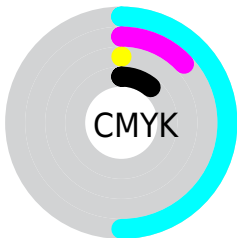
Distribution



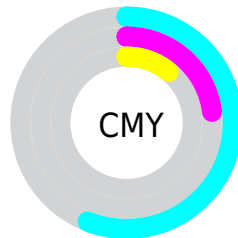
- Red (44%)
- Green (77%)
- Blue (89%)



- Red (44%)
- Yellow (63%)
- Blue (89%)



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



- Cyan (56%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70C5E2 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 70C5E2 by changing the saturation by 10% instead.

 70C5E2

 70C5E2

FFFFFF

 52AAC6

 AAFFFF

 328FAB

 C7FFFF

 007590

 E5FFFF

 005D76

 00455E

 002E46

 001B2F

 00011A

 000000

■ 70C5E2

■ 70C5E2

■ 59BFE2

■ 87CBE2

■ 43BAE2

■ 9DD0E2

■ 2CB4E2

■ B4D6E2

■ 16AEE2

■ CADCE2

■ 00A9E2

■ E1E2E2

■ F8E7E2

■ FFEDE2

■ FFF3E2

■ FFF9E2

Harmonies

Analogous

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



6BC8CC



70C5E2



8EBEED

Triad

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



70C5E2



E9A7C3



B9BE88

Complementary

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



70C5E2



E28D70

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.



D4B586



70C5E2



EFA7A8

Square

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



70C5E2



D4ADDB



E7AD91



9BC498

Rectangle

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



70C5E2



A7B9ED



E7AD91



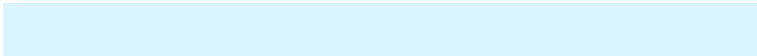
C3BB86

Sweetspot

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



70C5E2



D9F5FF



70E28D



697A80



000000



808080

Same Dimension

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



70C5E2



63D7FF



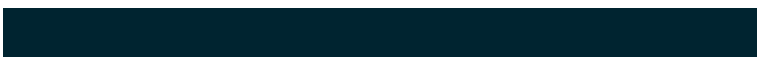
708DE2



656D70



0083B0



002430

Inverse Universe

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



E270C5



FF63D7



E2C570



70656D



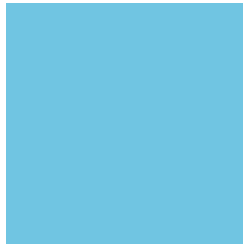
B00083



300024

Previews

White Background



This preview shows how the Hex color 70C5E2 looks on a white background.

Color Contrast Check

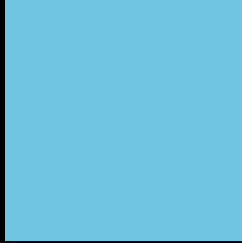
Large Text (above 18pt) WCAG AA × Fail

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 70C5E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

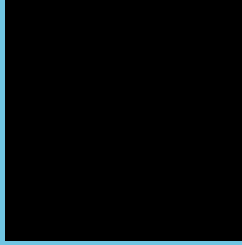
Any Text WCAG AA ✓ Pass

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 70C5E2 Background



This preview shows how black text looks on a background with the Hex color 70C5E2.

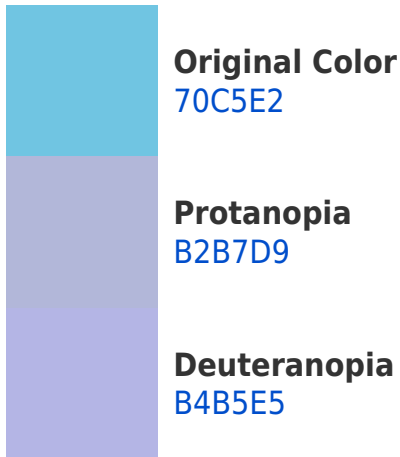


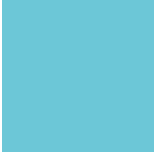
This preview shows how white text looks on a background with the Hex color 70C5E2.

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



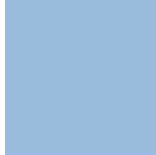


Tritanopia
6CC7D7

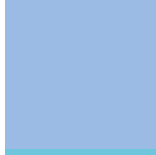
Trichromacy



Original Color
70C5E2



Protanomaly
9ABCDC



Deuteranomaly
9BBBE4



Tritanomaly
6DC6DB

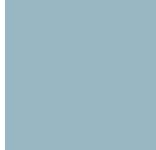
Monochromacy



Original Color
70C5E2



Achromatopsia
AFAFAF



Achromatomaly
98B7C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 70C5E2 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 #70C5E2 looks like.

```
.text, #text, p{  
    color:#70C5E2  
}
```

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 #70C5E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70C5E2
}
```

Border

The CSS property to change the border of an element to Hex 70C5E2 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
#70C5E2 }
```

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

```
.border{ border-color:#70C5E2 }
```

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

Here you see how a box with a 4 pixel #70C5E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70C5E2; -webkit-box-shadow:4px 4px  
4px 4px #70C5E2; box-shadow:4px 4px 4px  
4px #70C5E2 }
```

Background

The CSS property to change the background color of an element to Hex 70C5E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70C5E2 }
```

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

```
.background{ background-color:#70C5E2 }
```

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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