

# Converting Colors

Hex(70CEF2)

Have a look what the booklet for  
Hex(70CEF2) contains.

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# **Color**

**Hex(70CEF2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70CEF2
RGB	112, 206, 242
RGB Percent	44%, 81%, 95%
CMY	0.5608, 0.1922, 0.0510
CMYK	0.54, 0.15, 0.00, 0.05
HSL	197°, 83%, 69%
HSV	197°, 54%, 95%
XYZ	44.7804, 53.9982, 92.0669
YIQ	181.9980, -67.5800, -8.7320

# Conversions

## Conversions Part 2

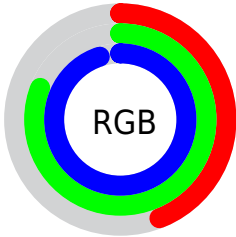
Format	Color
R <sub>Y</sub> B	112, 167, 242
Decimal	7393010
CIE Lab	78.46, -18.10, -26.26
CIE LCh	78, 31.891, 235.430
Yxy	53.9982, 0.2346, 0.2829
Android (android.graphics.Color)	4285583090 (0xFF70CEF2)
YUV	181.9980, 29.5810, -61.3882
Hunter-Lab	73.4834, -19.8191, -22.8456

# Details

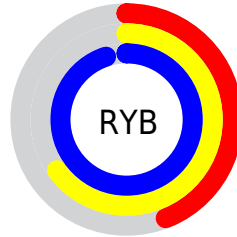
The Hex color **70CEF2** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F29470**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **ABFFFF**, and **2E98BA** is the 20% darker color. If you saturate the color by 10%, you get **58C7F2**, and if you desaturate by 10%, it is **88D5F2**.

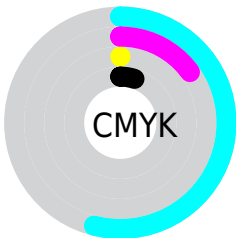
# Distribution



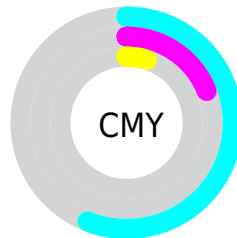
- Red (44%)
- Green (81%)
- Blue (95%)



- Red (44%)
- Yellow (65%)
- Blue (95%)



- Cyan (54%)
- Magenta (15%)
- Yellow (0%)
- Black (5%)



- Cyan (56%)
- Magenta (19%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70CEF2 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 70CEF2 by changing the saturation by 10% instead.



 70CEF2

 70CEF2

FFFFFF

 51B2D6

 ABFFFF

 2E98BA

 C9FFFF

 007E9F

 E7FFFF


 006585

 004D6B

 003653

 00213B

 000226

 00010F

 70CEF2

 70CEF2

 58C7F2

 88D5F2

 40C1F2

 A0DBF2

 27BAF2

 B9E2F2

 0FB3F2

 D1E9F2

 00AFF2

 E9F0F2

 FFF6F2

 FFFDF2

 FFFFF2

# Harmonies

## Analogous

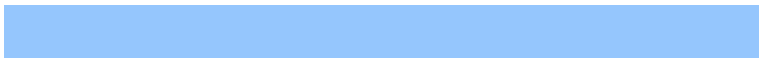
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65D2DA



70CEF2



95C6FD

# Triad

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



70CEF2



F9ADC8



BDC88C

# Complementary

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



70CEF2



F29470

# 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.



DBBF87



70CEF2



FDAEAA

# Square

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



70CEF2



E4B2E4



F2B592



9BCFA0

# Rectangle

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



70CEF2



B2C0FB



F2B592



C8C589

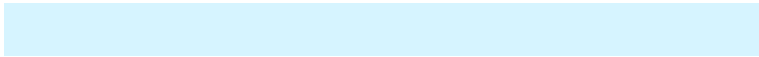


# Sweetspot

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



70CEF2



D6F4FF



70F293



677980



000000



808080



# Same Dimension

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



70CEF2



5CD2FF



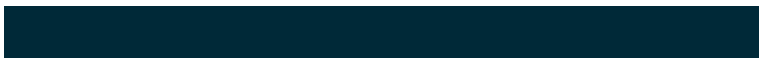
708EF2



6C7578



0085B8



002938



# Inverse Universe

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



F270CE



FF5CD2



F2D470



786C75



B80085

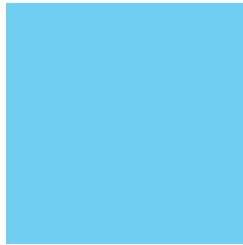


380029



# Previews

## White Background



This preview shows how the Hex color 70CEF2 looks on a white background.

## Color Contrast Check

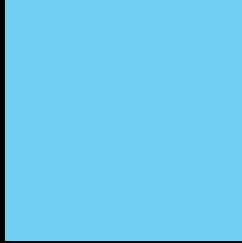
Large Text (above 18pt) WCAG AA × Fail

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 70CEF2 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 70CEF2 Background



This preview shows how black text looks on a background with the Hex color 70CEF2.

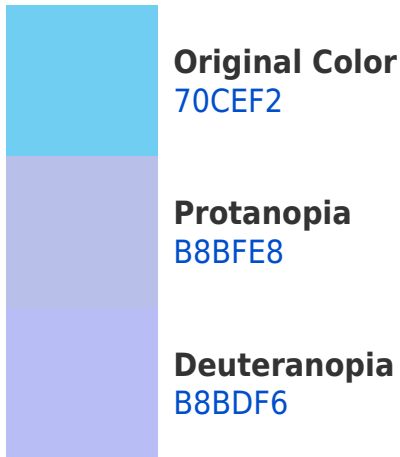


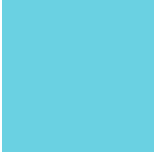
This preview shows how white text looks on a background with the Hex color 70CEF2.

# 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](#).

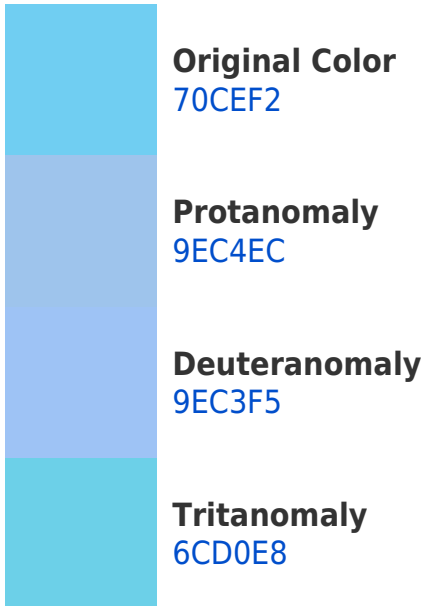
## Dichromacy





**Tritanopia**  
6AD1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70CEF2 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 #70CEF2 looks like.

```
.text, #text, p{  
    color:#70CEF2  
}
```

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 #70CEF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70CEF2
}
```

## Border

The CSS property to change the border of an element to Hex 70CEF2 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
#70CEF2 }
```

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

```
.border{ border-color:#70CEF2 }
```

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

Here you see how a box with a 4 pixel #70CEF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70CEF2; -webkit-box-shadow:4px 4px  
4px 4px #70CEF2; box-shadow:4px 4px 4px  
4px #70CEF2 }
```

# Background

The CSS property to change the background color of an element to Hex 70CEF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70CEF2 }
```

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

```
.background{ background-color:#70CEF2 }
```

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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