

Converting Colors

Hex(70D9F3)

Have a look what the booklet for
Hex(70D9F3) contains.

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Color

Hex(70D9F3)

Conversions

Conversions Part 1

Format	Color
Hex	70D9F3
RGB	112, 217, 243
RGB Percent	44%, 85%, 95%
CMY	0.5608, 0.1490, 0.0471
CMYK	0.54, 0.11, 0.00, 0.05
HSL	192°, 85%, 70%
HSV	192°, 54%, 95%
XYZ	47.6726, 59.5415, 93.7741
YIQ	188.5690, -70.9260, -14.1740

Conversions

Conversions Part 2

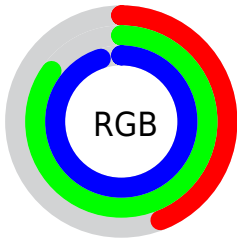
Format	Color
R _Y B	112, 170, 243
Decimal	7395827
CIE Lab	81.59, -23.37, -22.03
CIE LCh	82, 32.119, 223.303
Yxy	59.5415, 0.2372, 0.2962
Android (android.graphics.Color)	4285585907 (0xFF70D9F3)
YUV	188.5690, 26.8345, -67.1510
Hunter-Lab	77.1632, -24.7554, -18.0392

Details

The Hex color **70D9F3** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **F38A70**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **ACFFFF**, and **2CA2BB** is the 20% darker color. If you saturate the color by 10%, you get **58D4F3**, and if you desaturate by 10%, it is **88DEF3**.

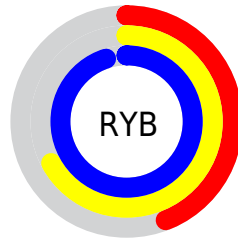
Distribution



Red (44%)

Green (85%)

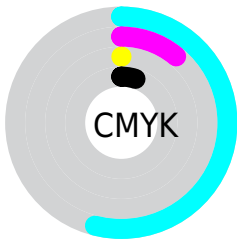
Blue (95%)



Red (44%)

Yellow (67%)

Blue (95%)

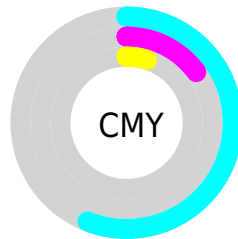


Cyan (54%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (56%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70D9F3 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 70D9F3 by changing the saturation by 10% instead.

 70D9F3

 70D9F3

FFFFFF

 50BDD7

 ACFFFF

 2CA2BB

 CAFFFF

 0088A0

 E8FFFF

 006E86

 00556C

 003E54

 00283D

 000D27

 000111

 70D9F3

 70D9F3

 58D4F3

 88DEF3

 3FCFF3

 A1E3F3

 27CBF3

 B9E7F3

 0FC6F3

 D1ECF3

 00C3F3

 E9F1F3

 FFF6F3

 FFFBF3

 FFFFF3

Harmonies

Analogous

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



73DCD8



70D9F3



8DD3FF

Triad

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



70D9F3



FCB7DD



D3CD90

Complementary

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



70D9F3



F38A70

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.



EFC392



70D9F3



FFB5BE

Square

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



70D9F3



E0BEF7



FFBAA3



B1D59E

Rectangle

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



70D9F3



A9CCFF



FFBAA3



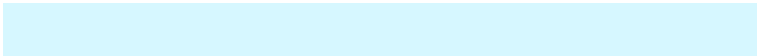
DDCA8F

Sweetspot

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



70D9F3



D6F7FF



70F388



677B80



000000



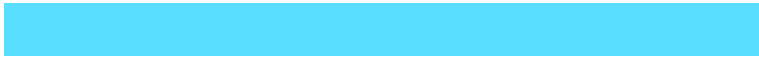
808080

Same Dimension

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



70D9F3



59DEFF



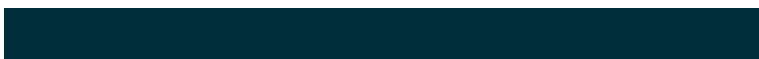
7099F3



6E787A



0095BA



002F3B

Inverse Universe

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



F370D9



FF59DE



F3CA70



7A6E78



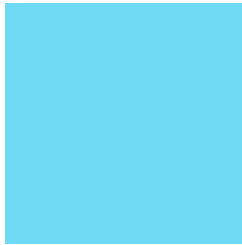
BA0095



3B002F

Previews

White Background



This preview shows how the Hex color 70D9F3 looks on a white background.

Color Contrast Check

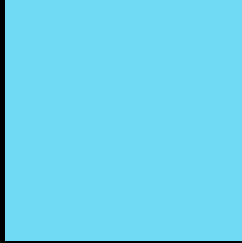
Large Text (above 18pt) WCAG AA × Fail

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 70D9F3 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 70D9F3 Background



This preview shows how black text looks on a background with the Hex color 70D9F3.

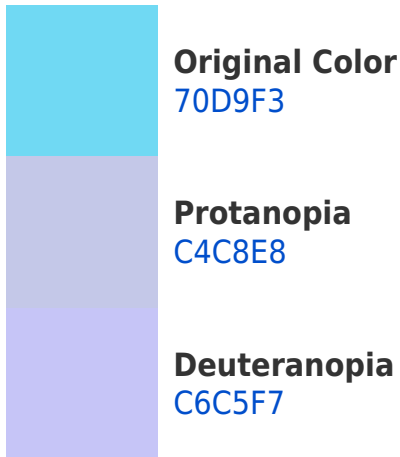


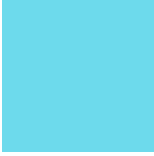
This preview shows how white text looks on a background with the Hex color 70D9F3.

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](#).

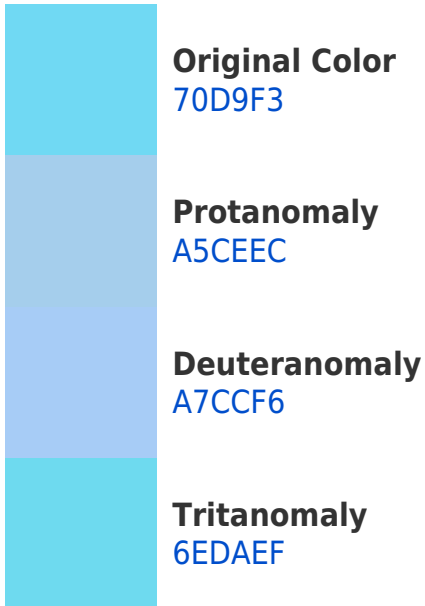
Dichromacy



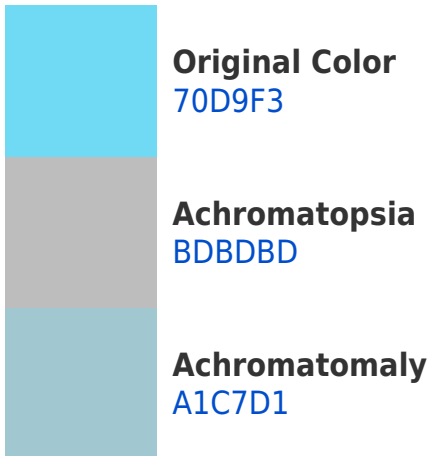


Tritanopia
6DDAEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70D9F3 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 #70D9F3 looks like.

```
.text, #text, p{  
    color:#70D9F3  
}
```

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 #70D9F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70D9F3
}
```

Border

The CSS property to change the border of an element to Hex 70D9F3 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
#70D9F3 }
```

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

```
.border{ border-color:#70D9F3 }
```

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

Here you see how a box with a 4 pixel #70D9F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70D9F3; -webkit-box-shadow:4px 4px  
4px 4px #70D9F3; box-shadow:4px 4px 4px  
4px #70D9F3 }
```

Background

The CSS property to change the background color of an element to Hex 70D9F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70D9F3 }
```

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

```
.background{ background-color:#70D9F3 }
```

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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