

Converting Colors

Hex(70D9F7)

Have a look what the booklet for
Hex(70D9F7) contains.

Hex(70D9F7)	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(70D9F7)

Conversions

Conversions Part 1

Format	Color
Hex	70D9F7
RGB	112, 217, 247
RGB Percent	44%, 85%, 97%
CMY	0.5608, 0.1490, 0.0314
CMYK	0.55, 0.12, 0.00, 0.03
HSL	193°, 89%, 70%
HSV	193°, 55%, 97%
XYZ	48.2834, 59.7859, 96.9907
YIQ	189.0250, -72.2100, -12.9300

Conversions

Conversions Part 2

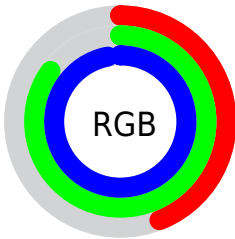
Format	Color
RYB	112, 171, 247
Decimal	7395831
CIELab	81.72, -22.26, -23.95
CIELCh	82, 32.697, 227.096
Yxy	59.7859, 0.2355, 0.2916
Android (android.graphics.Color)	4285585911 (0xFF70D9F7)
YUV	189.0250, 28.5817, -67.5509
Hunter-Lab	77.3213, -23.8476, -20.2476

Details

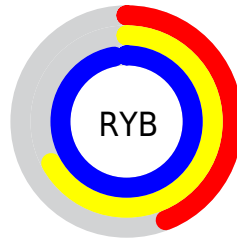
The Hex color **70D9F7** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F78E70**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **ACFFFF**, and **2BA2BF** is the 20% darker color. If you saturate the color by 10%, you get **57D4F7**, and if you desaturate by 10%, it is **89DEF7**.

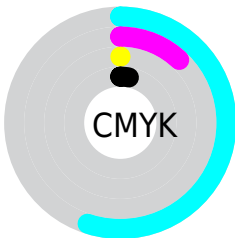
Distribution



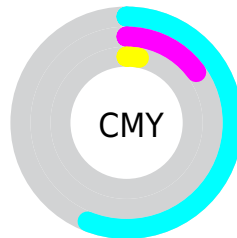
- Red (44%)
- Green (85%)
- Blue (97%)



- Red (44%)
- Yellow (67%)
- Blue (97%)



- Cyan (55%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (56%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70D9F7 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 70D9F7 by changing the saturation by 10% instead.

 70D9F7

 70D9F7

FFFFFF

 50BDDA

 ACFFFF

 2BA2BF

 CAFFFF

 0088A3

 E9FFFF

 006E89

 005570

 003E57

 002840

 000E2A

 000114

 70D9F7

 70D9F7

 57D4F7

 89DEF7

 3FCEF7

 A1E4F7

 26C9F7

 BAE9F7

 0DC3F7

 D3EFF7

 00C0F7

 EBF4F7

 FFFAF7

 FFFFF7

Harmonies

Analogous

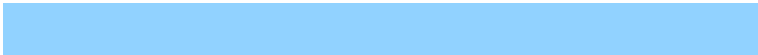
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6FDCDC



70D9F7



91D2FF

Triad

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



70D9F7



FFB6DA



CFCF90

Complementary

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



70D9F7



F78E70

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.



EDC590



70D9F7



FFB5BB

Square

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



70D9F7



E5BDF5



FFBBA0



ACD7A1

Rectangle

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



70D9F7



AECCFF



FFBBA0



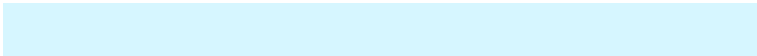
DACC8E

Sweetspot

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



70D9F7



D6F6FF



70F78D



677A80



000000



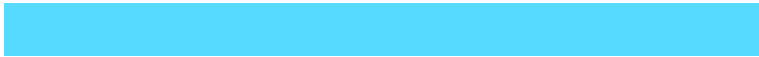
808080

Same Dimension

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



70D9F7



57DAFF



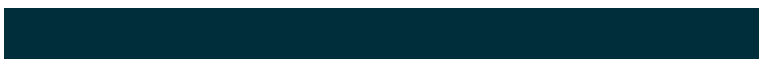
7096F7



6E787A



0091BA



002E3B

Inverse Universe

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



F770D9



FF57DA



F7D170



7A6E78



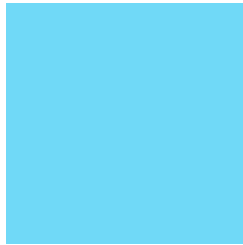
BA0091



3B002E

Previews

White Background



This preview shows how the Hex color 70D9F7 looks on a white background.

Color Contrast Check

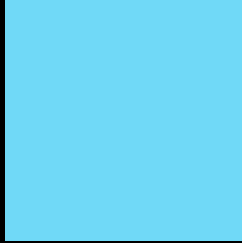
Large Text (above 18pt) WCAG AA × Fail

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 70D9F7 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 70D9F7 Background



This preview shows how black text looks on a background with the Hex color 70D9F7.

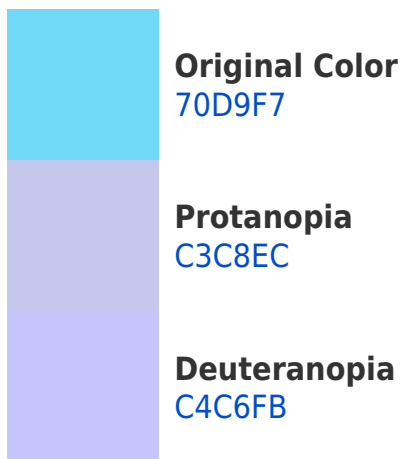


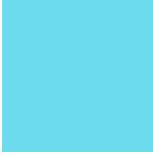
This preview shows how white text looks on a background with the Hex color 70D9F7.

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](#).

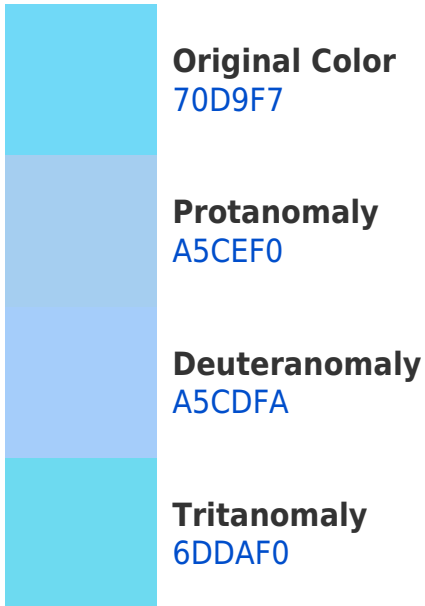
Dichromacy



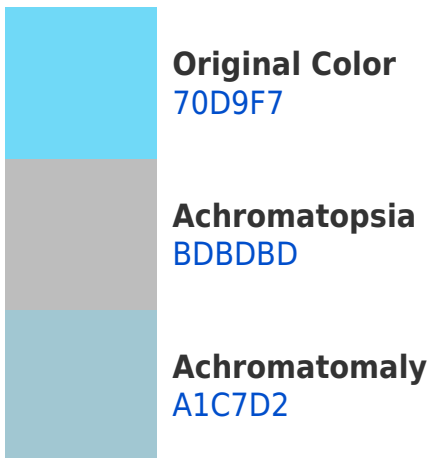


Tritanopia
6CDBEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70D9F7 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 #70D9F7 looks like.

```
.text, #text, p{  
    color:#70D9F7  
}
```

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 #70D9F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70D9F7
}
```

Border

The CSS property to change the border of an element to Hex 70D9F7 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
#70D9F7 }
```

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

```
.border{ border-color:#70D9F7 }
```

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

Here you see how a box with a 4 pixel #70D9F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70D9F7; -webkit-box-shadow:4px 4px  
4px 4px #70D9F7; box-shadow:4px 4px 4px  
4px #70D9F7 }
```

Background

The CSS property to change the background color of an element to Hex 70D9F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70D9F7 }
```

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

```
.background{ background-color:#70D9F7 }
```

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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