

Converting Colors

Hex(70D1FF)

Have a look what the booklet for
Hex(70D1FF) contains.

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Color

Hex(70D1FF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 70D1FF |
| RGB | 112, 209, 255 |
| RGB Percent | 44%, 82%, 100% |
| CMY | 0.5608, 0.1804, 0.0000 |
| CMYK | 0.56, 0.18, 0.00, 0.00 |
| HSL | 199°, 100%, 72% |
| HSV | 199°, 56%, 100% |
| XYZ | 47.5326, 56.2657, 102.9629 |
| YIQ | 185.2410, -72.5780, -6.2580 |

Conversions

Conversions Part 2

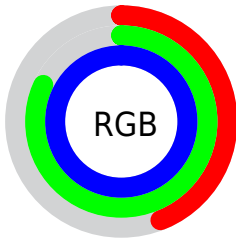
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 112, 170, 255 |
| Decimal | 7393791 |
| CIE _{Lab} | 79.76, -15.90, -31.20 |
| CIE _{LCh} | 80, 35.016, 242.987 |
| Yxy | 56.2657, 0.2299, 0.2721 |
| Android (android.graphics.Color) | 4285583871 (0xFF70D1FF) |
| YUV | 185.2410, 34.3912, -64.2324 |
| Hunter-Lab | 75.0104, -18.1566, -28.8769 |

Details

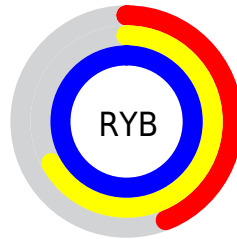
The Hex color **70D1FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FF9E70**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **ADFFFF**, and **2A9BC6** is the 20% darker color. If you saturate the color by 10%, you get **57C9FF**, and if you desaturate by 10%, it is **8AD9FF**.

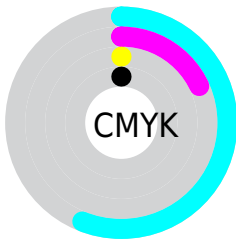
Distribution



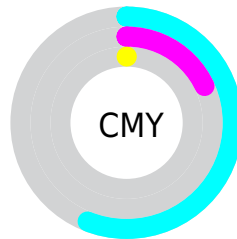
- Red (44%)
- Green (82%)
- Blue (100%)



- Red (44%)
- Yellow (67%)
- Blue (100%)



- Cyan (56%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70D1FF 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 70D1FF by changing the saturation by 10% instead.

 70D1FF

 70D1FF

FFFFFF

 50B5E2

 ADFFFF

 2A9BC6

 CBFFFF

 0081AB

 E9FFFF

 006790

 004F76

 00385D

 002345

 00042F

 000119

 70D1FF

 70D1FF

 57C9FF

 8AD9FF

 3DC1FF

 A3E1FF

 23B8FF

 BDEAFF

 0AB0FF

 D6F2FF

 00ADFF

 F0FAFF

FFFFFF

Harmonies

Analogous

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



59D6E8



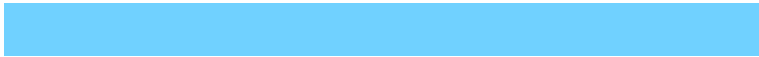
70D1FF



9FC8FF

Triad

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



70D1FF



FFADC4



B6CE8E

Complementary

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



70D1FF



FF9E70

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.



D9C584



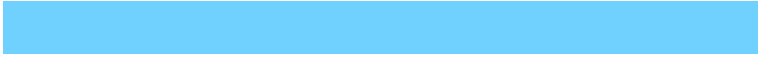
70D1FF



FFB0A4

Square

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



70D1FF



F2B2E4



F5BA8C



90D5A7

Rectangle

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



70D1FF



C0C0FF



F5BA8C



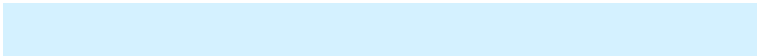
C2CB89

Sweetspot

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



70D1FF



D4F1FF



70FF9D



667780



000000



808080

Same Dimension

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



70D1FF



54C8FF



708AFF



737B80



0082BF



002B40

Inverse Universe

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



FF70D1



FF54C8



FFE570



80737B



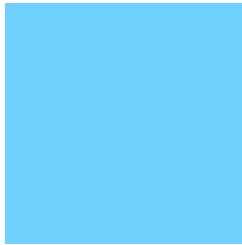
BF0082



40002B

Previews

White Background



This preview shows how the Hex color 70D1FF looks on a white background.

Color Contrast Check

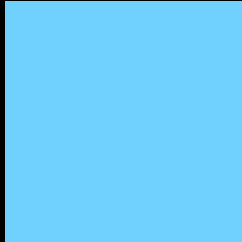
Large Text (above 18pt) WCAG AA × Fail

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 70D1FF 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

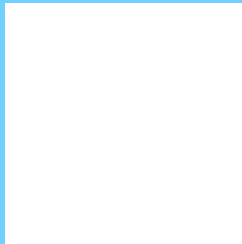
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 70D1FF Background



This preview shows how black text looks on a background with the Hex color 70D1FF.

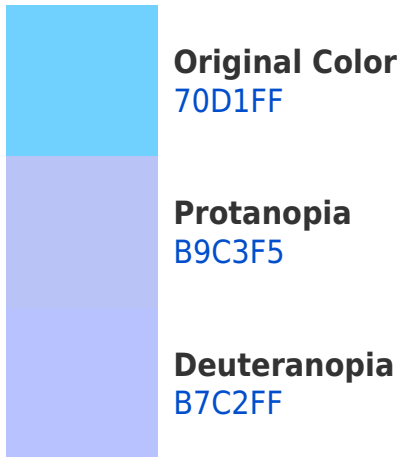


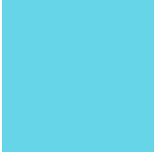
This preview shows how white text looks on a background with the Hex color 70D1FF.

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](#).

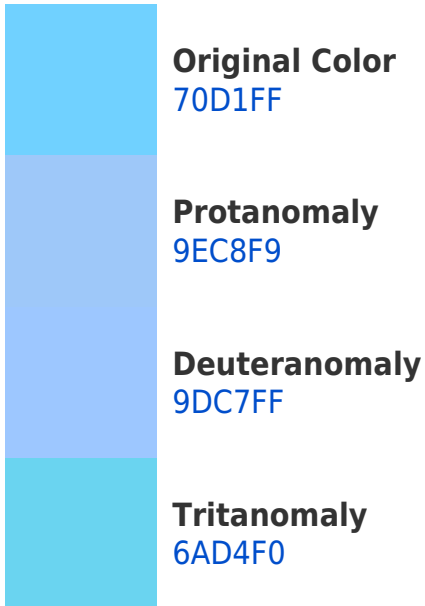
Dichromacy



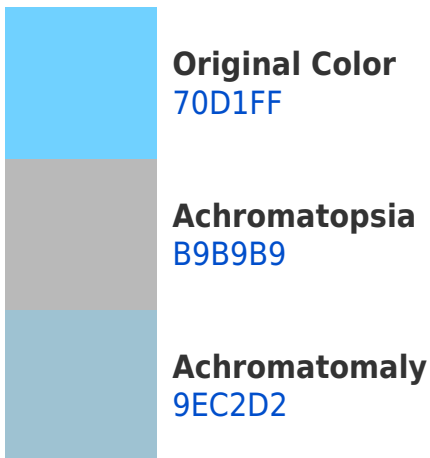


Tritanopia
66D5E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70D1FF 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 #70D1FF looks like.

```
.text, #text, p{  
    color:#70D1FF  
}
```

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 #70D1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70D1FF
}
```

Border

The CSS property to change the border of an element to Hex 70D1FF 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
#70D1FF }
```

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

```
.border{ border-color:#70D1FF }
```

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

Here you see how a box with a 4 pixel #70D1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70D1FF; -webkit-box-shadow:4px 4px  
4px 4px #70D1FF; box-shadow:4px 4px 4px  
4px #70D1FF }
```

Background

The CSS property to change the background color of an element to Hex 70D1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70D1FF }
```

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

```
.background{ background-color:#70D1FF }
```

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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