

Converting Colors

Hex(76CCF1)

Have a look what the booklet for
Hex(76CCF1) contains.

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Color

Hex(76CCF1)

Conversions

Conversions Part 1

Format	Color
Hex	76CCF1
RGB	118, 204, 241
RGB Percent	46%, 80%, 95%
CMY	0.5373, 0.2000, 0.0549
CMYK	0.51, 0.15, 0.00, 0.05
HSL	198°, 81%, 70%
HSV	198°, 51%, 95%
XYZ	44.9413, 53.3882, 91.1554
YIQ	182.5040, -63.1330, -6.7250

Conversions

Conversions Part 2

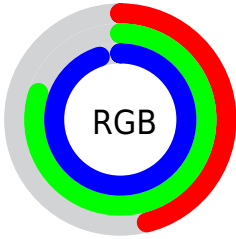
Format	Color
R_{YB}	118, 169, 241
Decimal	7785713
CIE _{Lab}	78.10, -16.09, -26.25
CIE _{LCh}	78, 30.789, 238.492
Yxy	53.3882, 0.2372, 0.2818
Android (android.graphics.Color)	4285975793 (0xFF76CCF1)
YUV	182.5040, 28.8385, -56.5700
Hunter-Lab	73.0672, -18.0780, -22.8205

Details

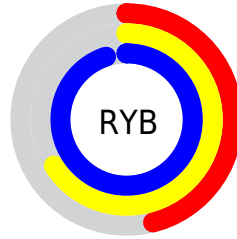
The Hex color **76CCF1** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F19B76**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **B1FFFF**, and **3896B9** is the 20% darker color. If you saturate the color by 10%, you get **5EC5F1**, and if you desaturate by 10%, it is **8ED3F1**.

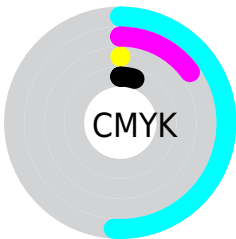
Distribution



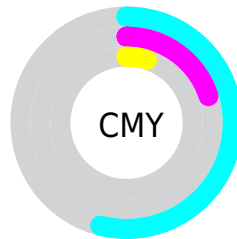
- Red (46%)
- Green (80%)
- Blue (95%)



- Red (46%)
- Yellow (66%)
- Blue (95%)



- Cyan (51%)
- Magenta (15%)
- Yellow (0%)
- Black (5%)



- Cyan (54%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76CCF1 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 76CCF1 by changing the saturation by 10% instead.

 76CCF1

 76CCF1

FFFFFF

 58B1D5

 B1FFFF

 3896B9

 CEFFFF

 047C9E

 ECFFFF

 006384

 004B6A

 003452

 00203B

 000225

 00010E

■ 76CCF1

■ 76CCF1

■ 5EC5F1

■ 8ED3F1

■ 46BEF1

■ A6DAF1

■ 2EB6F1

■ BEE2F1

■ 16AFF1

■ D6E9F1

■ 00A9F1

■ EEF0F1

■ FFF7F1

■ FFFFF1

Harmonies

Analogous

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



69D0DB



76CCF1



9BC4FA

Triad

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



76CCF1



F7ACC4



B9C88E

Complementary

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



76CCF1



F19B76

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.



D7BF88



76CCF1



FAAEA7

Square

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



76CCF1



E4B1DF



EEB591



98CEA2

Rectangle

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



76CCF1



B6BEF7



EEB591



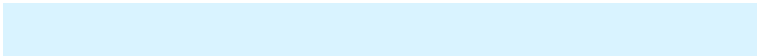
C3C58B

Sweetspot

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



76CCF1



D9F3FF



76F19B



697980



000000



808080

Same Dimension

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



76CCF1



63D0FF



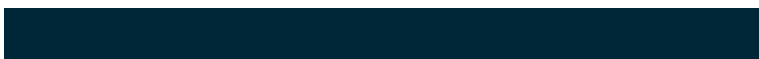
768FF1



6C7478



0080B8



002738

Inverse Universe

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



F176CC



FF63D0



F1D876



786C74



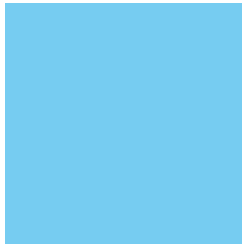
B80080



380027

Previews

White Background



This preview shows how the Hex color 76CCF1 looks on a white background.

Color Contrast Check

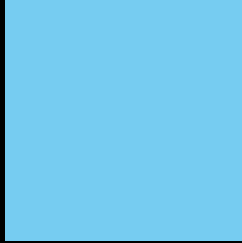
Large Text (above 18pt) WCAG AA × Fail

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 76CCF1 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 76CCF1 Background



This preview shows how black text looks on a background with the Hex color 76CCF1.



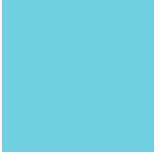
This preview shows how white text looks on a background with the Hex color 76CCF1.

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](#).

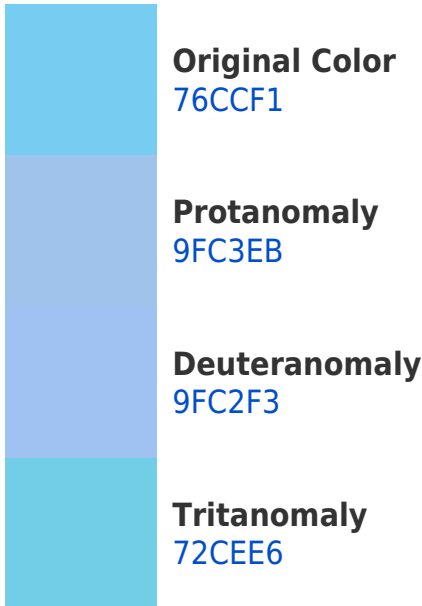
Dichromacy



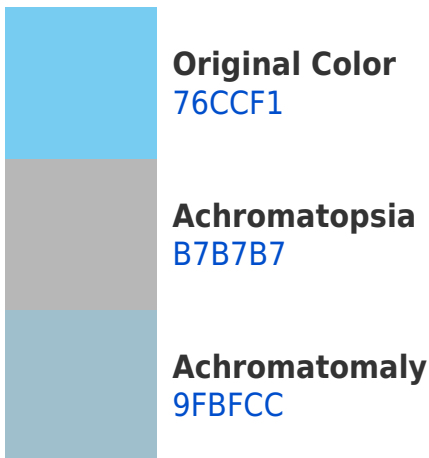


Tritanopia
70CFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76CCF1 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 #76CCF1 looks like.

```
.text, #text, p{  
    color:#76CCF1  
}
```

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 #76CCF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76CCF1
}
```

Border

The CSS property to change the border of an element to Hex 76CCF1 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
#76CCF1 }
```

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

```
.border{ border-color:#76CCF1 }
```

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

Here you see how a box with a 4 pixel #76CCF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76CCF1; -webkit-box-shadow:4px 4px  
4px 4px #76CCF1; box-shadow:4px 4px 4px  
4px #76CCF1 }
```

Background

The CSS property to change the background color of an element to Hex 76CCF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76CCF1 }
```

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

```
.background{ background-color:#76CCF1 }
```

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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