

Converting Colors

Hex(76CBF0)

Have a look what the booklet for
Hex(76CBF0) contains.

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Color

Hex(76CBF0)

Conversions

Conversions Part 1

Format	Color
Hex	76CBF0
RGB	118, 203, 240
RGB Percent	46%, 80%, 94%
CMY	0.5373, 0.2039, 0.0588
CMYK	0.51, 0.15, 0.00, 0.06
HSL	198°, 80%, 70%
HSV	198°, 51%, 94%
XYZ	44.5553, 52.8547, 90.2917
YIQ	181.8030, -62.5370, -6.5130

Conversions

Conversions Part 2

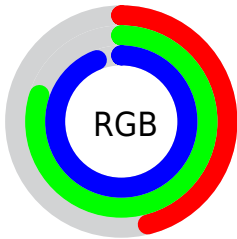
Format	Color
R _Y B	118, 168, 240
Decimal	7785456
CIE Lab	77.79, -15.85, -26.19
CIE LCh	78, 30.618, 238.817
Yxy	52.8547, 0.2374, 0.2816
Android (android.graphics.Color)	4285975536 (0xFF76CBF0)
YUV	181.8030, 28.6911, -55.9552
Hunter-Lab	72.7012, -17.8325, -22.7447

Details

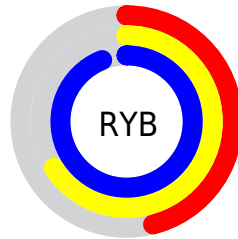
The Hex color **76CBF0** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F09B76**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **B1FFFF**, and **3895B8** is the 20% darker color. If you saturate the color by 10%, you get **5EC4F0**, and if you desaturate by 10%, it is **8ED2F0**.

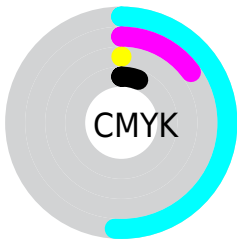
Distribution



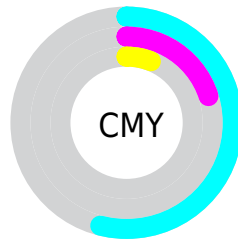
- Red (46%)
- Green (80%)
- Blue (94%)



- Red (46%)
- Yellow (66%)
- Blue (94%)



- Cyan (51%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (54%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76CBF0 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 76CBF0 by changing the saturation by 10% instead.

 76CBF0

 76CBF0

FFFFFF

 58B0D4

 B1FFFF

 3895B8

 CEFFFF

 057B9D

 ECFFFF

 006283

 004A69

 003351

 001F3A

 000224

 00000C

 76CBF0

 76CBF0

 5EC4F0

 8ED2F0

 46BCF0

 A6DAF0

 2EB5F0

 BEE1F0

 16AEF0

 D6E8F0

 00A7F0

 EEEFF0

 FFF7F0

 FFFEFO

 FFFFF0

Harmonies

Analogous

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



68CFDB



76CBF0



9AC3F9

Triad

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



76CBF0



F6ABC2



B8C78E

Complementary

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



76CBF0



F09B76

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.



D6BE88



76CBF0



F9ADA6

Square

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



76CBF0



E4B0DE



EDB491



97CDA2

Rectangle

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



76CBF0



B6BDF6



EDB491



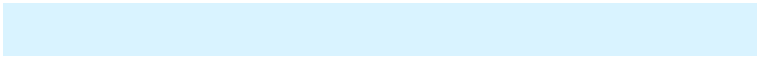
C2C48A

Sweetspot

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



76CBF0



D9F3FF



76F09B



697980



000000



808080

Same Dimension

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



76CBF0



63D0FF



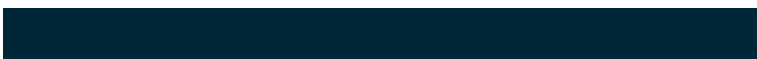
768EF0



6C7478



0080B8



002738

Inverse Universe

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



F076CB



FF63D0



F0D876



786C74



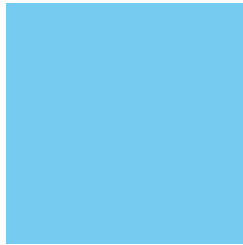
B80080



380027

Previews

White Background



This preview shows how the Hex color 76CBF0 looks on a white background.

Color Contrast Check

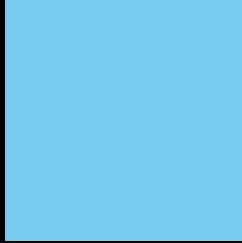
Large Text (above 18pt) WCAG AA × Fail

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 76CBF0 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 76CBF0 Background



This preview shows how black text looks on a background with the Hex color 76CBF0.



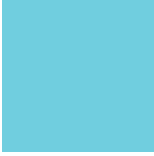
This preview shows how white text looks on a background with the Hex color 76CBF0.

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](#).

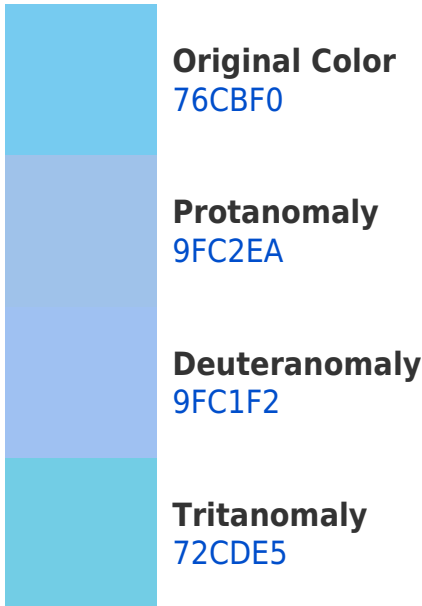
Dichromacy





Tritanopia
70CEDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76CBF0 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 #76CBF0 looks like.

```
.text, #text, p{  
    color:#76CBF0  
}
```

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 #76CBF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76CBF0
}
```

Border

The CSS property to change the border of an element to Hex 76CBF0 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
#76CBF0 }
```

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

```
.border{ border-color:#76CBF0 }
```

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

Here you see how a box with a 4 pixel #76CBF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76CBF0; -webkit-box-shadow:4px 4px  
4px 4px #76CBF0; box-shadow:4px 4px 4px  
4px #76CBF0 }
```

Background

The CSS property to change the background color of an element to Hex 76CBF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76CBF0 }
```

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

```
.background{ background-color:#76CBF0 }
```

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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