

# Converting Colors

Hex(76CCEF)

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

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# **Color**

**Hex(76CCEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76CCEF
RGB	118, 204, 239
RGB Percent	46%, 80%, 94%
CMY	0.5373, 0.2000, 0.0627
CMYK	0.51, 0.15, 0.00, 0.06
HSL	197°, 79%, 70%
HSV	197°, 51%, 94%
XYZ	44.6441, 53.2693, 89.5904
YIQ	182.2760, -62.4910, -7.3470

# Conversions

## Conversions Part 2

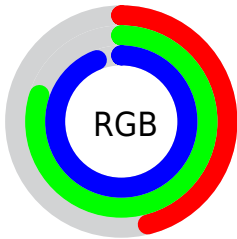
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	118, 168, 239
Decimal	7785711
CIE Lab	78.03, -16.65, -25.28
CIE LCh	78, 30.274, 236.635
Yxy	53.2693, 0.2381, 0.2841
Android (android.graphics.Color)	4285975791 (0xFF76CCEF)
YUV	182.2760, 27.9649, -56.3701
Hunter-Lab	72.9858, -18.5400, -21.6886

# Details

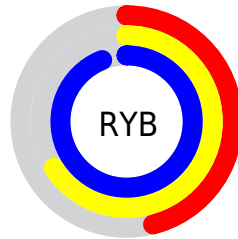
The Hex color **76CCEF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EF9976**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **B1FFFF**, and **3896B7** is the 20% darker color. If you saturate the color by 10%, you get **5EC5EF**, and if you desaturate by 10%, it is **8ED3EF**.

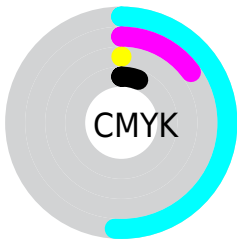
# Distribution



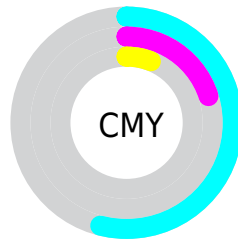
- Red (46%)
- Green (80%)
- Blue (94%)



- 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 76CCEF 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 76CCEF by changing the saturation by 10% instead.



 76CCEF

 76CCEF

FFFFFF

 58B1D3

 B1FFFF

 3896B7

 CEFFFF

 067C9C

 ECFFFF

 006382

 004B69

 003450

 002039

 000224

 00000B

 76CCEF

 76CCEF

 5EC5EF

 8ED3EF

 46BEEF

 A6DAEF

 2EB7EF

 BEE1EF

 16B0EF

 D6E8EF

 00AAEF

 EDEFEF

 FFF5EF

 FFFCEF

 FFFFEF

# Harmonies

## Analogous

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



6BD0D9



76CCEF



99C5F8

# Triad

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



76CCEF



F6ADC5



BBC78E

# Complementary

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



76CCEF



EF9976

# 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.



D8BE89



76CCEF



F9AEA9

# Square

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



76CCEF



E2B2E0



EEB593



9ACDA1

# Rectangle

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



76CCEF



B4BEF7



EEB593



C5C48B

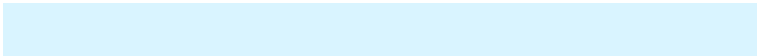


# Sweetspot

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



76CCEF



D9F4FF



76EF98



697980



000000



808080



# Same Dimension

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



76CCEF



63D2FF



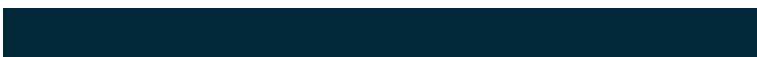
7690EF



6C7478



0082B8



002838



# Inverse Universe

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



EF76CC



FF63D2



EFD576



786C74



B80082

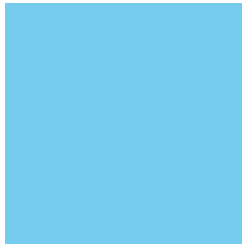


380028



# Previews

## White Background



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

## Color Contrast Check

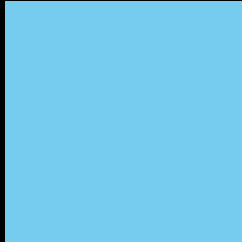
Large Text (above 18pt) WCAG AA × Fail

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 76CCEF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

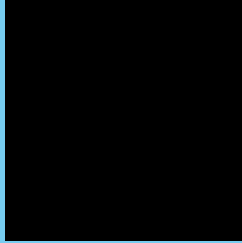
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 76CCEF Background



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

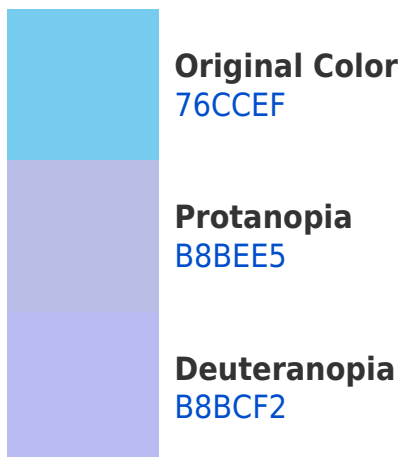


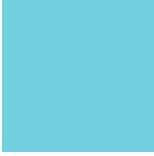
This preview shows how white text looks on a background with the Hex color 76CCEF.

# 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](#).

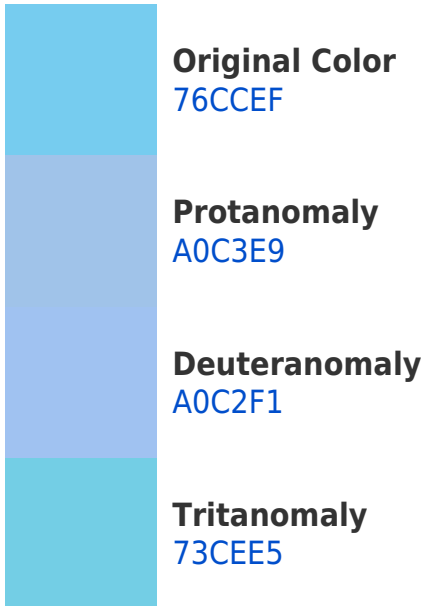
## Dichromacy





**Tritanopia**  
71CFDF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #76CCEF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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