

Converting Colors

Hex(76C9ED)

Have a look what the booklet for
Hex(76C9ED) contains.

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Color

Hex(76C9ED)

Conversions

Conversions Part 1

Format	Color
Hex	76C9ED
RGB	118, 201, 237
RGB Percent	46%, 79%, 93%
CMY	0.5373, 0.2118, 0.0706
CMYK	0.50, 0.15, 0.00, 0.07
HSL	198°, 77%, 70%
HSV	198°, 50%, 93%
XYZ	43.6439, 51.7393, 87.8072
YIQ	180.2870, -61.0240, -6.4000

Conversions

Conversions Part 2

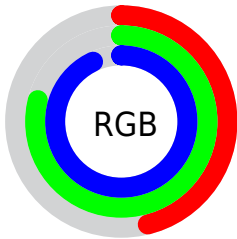
Format	Color
R _{YB}	118, 167, 237
Decimal	7784941
CIE Lab	77.12, -15.66, -25.60
CIE LCh	77, 30.008, 238.552
Yxy	51.7393, 0.2382, 0.2824
Android (android.graphics.Color)	4285975021 (0xFF76C9ED)
YUV	180.2870, 27.9595, -54.6257
Hunter-Lab	71.9300, -17.5717, -22.0261

Details

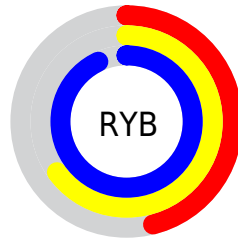
The Hex color **76C9ED** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **ED9A76**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B0FFFF**, and **3993B5** is the 20% darker color. If you saturate the color by 10%, you get **5EC2ED**, and if you desaturate by 10%, it is **8ED0ED**.

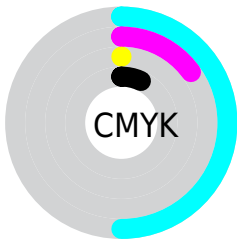
Distribution



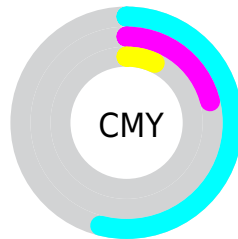
- Red (46%)
- Green (79%)
- Blue (93%)



- Red (46%)
- Yellow (65%)
- Blue (93%)



- Cyan (50%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)



- Cyan (54%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76C9ED 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 76C9ED by changing the saturation by 10% instead.

 76C9ED

 76C9ED

FFFFFF

 58AED1

 B0FFFF

 3993B5

 CEFFFF

 0A799A

 EBFFFF

 006080

 004867

 00324F

 001E38

 000222

 000008

76C9ED

76C9ED

5EC2ED

8ED0ED

47BBED

A5D7ED

2FB3ED

BDDFED

17ACED

D5E6ED

00A5ED

ECEDED

FFF4ED

FFFBED

FFFFED

Harmonies

Analogous

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



69CDD8



76C9ED



99C1F5

Triad

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



76C9ED



F3AAC1



B6C58D

Complementary

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



76C9ED



ED9A76

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.



D4BC87



76C9ED



F6ACA5

Square

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



76C9ED



E1AFDC



EAB390



96CBA1

Rectangle

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



76C9ED



B4BBF3



EAB390



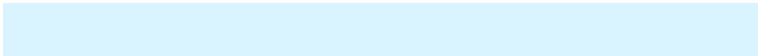
C1C289

Sweetspot

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



76C9ED



D9F3FF



76ED9A



697980



000000



808080

Same Dimension

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



76C9ED



66D1FF



768EED



6A7275



007EB5



002536

Inverse Universe

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



ED76C9



FF66D1



EDD576



756A72



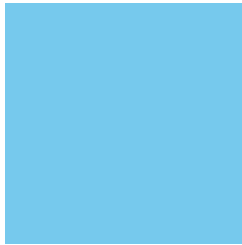
B5007E



360025

Previews

White Background



This preview shows how the Hex color 76C9ED looks on a white background.

Color Contrast Check

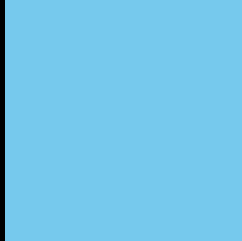
Large Text (above 18pt) WCAG AA × Fail

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 76C9ED 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 76C9ED Background



This preview shows how black text looks on a background with the Hex color 76C9ED.



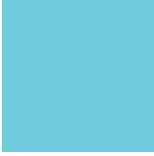
This preview shows how white text looks on a background with the Hex color 76C9ED.

Color Blindness Simulation

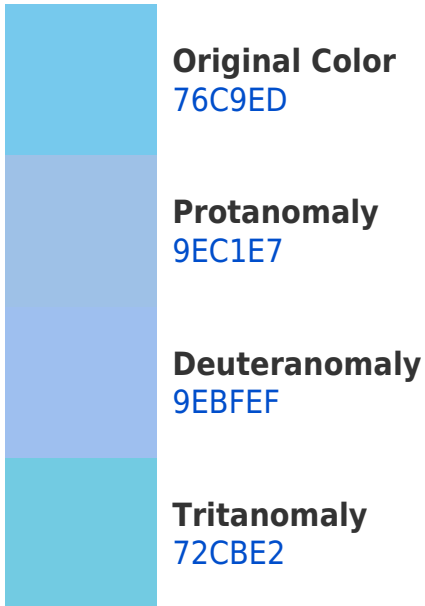
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76C9ED 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 #76C9ED looks like.

```
.text, #text, p{  
    color:#76C9ED  
}
```

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 #76C9ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C9ED
}
```

Border

The CSS property to change the border of an element to Hex 76C9ED 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
#76C9ED }
```

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

```
.border{ border-color:#76C9ED }
```

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

Here you see how a box with a 4 pixel #76C9ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C9ED; -webkit-box-shadow:4px 4px  
4px 4px #76C9ED; box-shadow:4px 4px 4px  
4px #76C9ED }
```

Background

The CSS property to change the background color of an element to Hex 76C9ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C9ED }
```

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

```
.background{ background-color:#76C9ED }
```

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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