

Converting Colors

Hex(76BCCF)

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

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Color

Hex(76BCCF)

Conversions

Conversions Part 1

Format	Color
Hex	76BCCF
RGB	118, 188, 207
RGB Percent	46%, 74%, 81%
CMY	0.5373, 0.2627, 0.1882
CMYK	0.43, 0.09, 0.00, 0.19
HSL	193°, 48%, 64%
HSV	193°, 43%, 81%
XYZ	36.7169, 44.3230, 65.6515
YIQ	169.2360, -47.8190, -8.9310

Conversions

Conversions Part 2

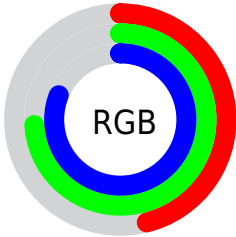
Format	Color
RYB	118, 157, 207
Decimal	7781583
CIELab	72.44, -17.07, -16.47
CIELCh	72, 23.726, 223.974
Yxy	44.3230, 0.2503, 0.3022
Android (android.graphics.Color)	4285971663 (0xFF76BCCF)
YUV	169.2360, 18.6177, -44.9340
Hunter-Lab	66.5755, -18.0630, -11.8642

Details

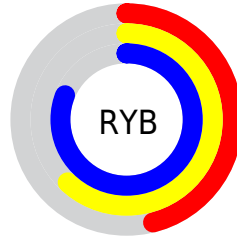
The Hex color **76BCCF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CF8976**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **AEF4FF**, and **3E8799** is the 20% darker color. If you saturate the color by 10%, you get **61B8CF**, and if you desaturate by 10%, it is **8BC0CF**.

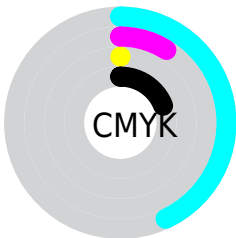
Distribution



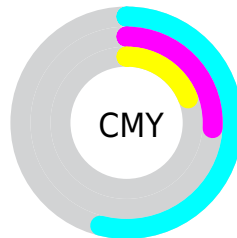
- Red (46%)
- Green (74%)
- Blue (81%)



- Red (46%)
- Yellow (62%)
- Blue (81%)



- Cyan (43%)
- Magenta (9%)
- Yellow (0%)
- Black (19%)



- Cyan (54%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 76BCCF

 76BCCF

FFFFFF

 5AA1B3

 AEF4FF

 3E8799

 CBFFFF

 1E6D7F

 E8FFFF

 005566

 003D4E

 002737

 001122

 000008

 000000

 76BCCF

 76BCCF

 61B8CF

 8BC0CF

 4DB3CF

 9FC5CF

 38AFCF

 B4C9CF

 23AACF

 C9CECF

 0FA6CF

 DED2CF

 00A3CF

 F2D7CF

 FFDBCFF

 FFDFCF

 FFE4CF

Harmonies

Analogous

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



76BEBB



76BCCF



89B7DB

Triad

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



76BCCF



D6A3BE



B7B487

Complementary

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



76BCCF



CF8976

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.



CDAC88



76BCCF



DEA2A8

Square

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



76BCCF



C2A9D1



DBA695



9FB992

Rectangle

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



76BCCF



9CB3DD



DBA695



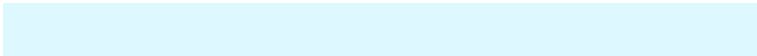
BFB186

Sweetspot

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



76BCCF



DEF8FF



76CF88



6B7B80



000000



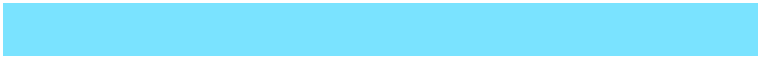
808080

Same Dimension

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



76BCCF



7AE3FF



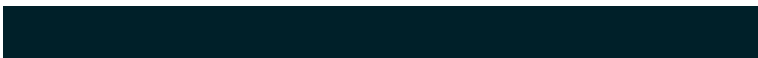
7691CF



5E6669



0084A8



002029

Inverse Universe

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



CF76BC



FF7AE3



CFB476



695E66



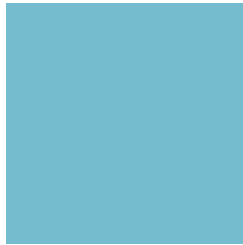
A80084



290020

Previews

White Background



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

Color Contrast Check

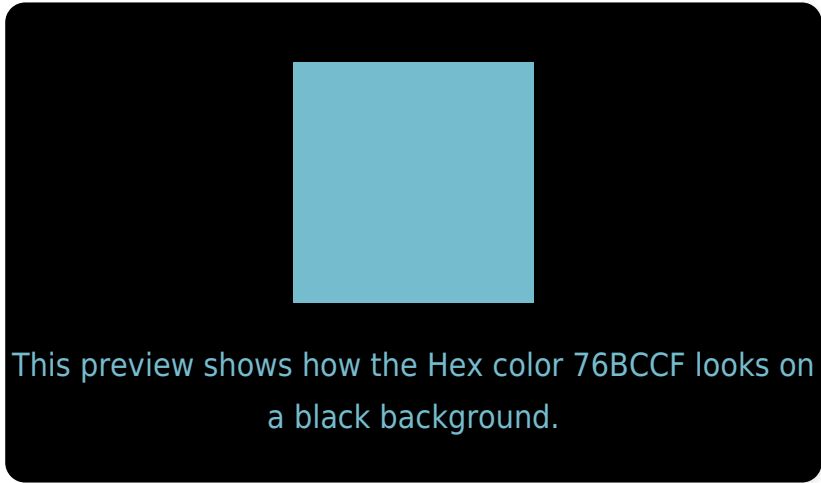
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

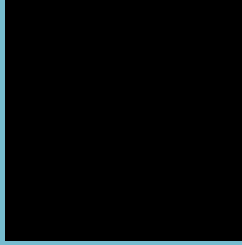
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

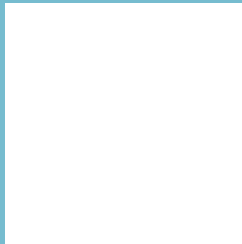
Any Text WCAG AAA ✓ Pass

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

Hex 76BCCF Background



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

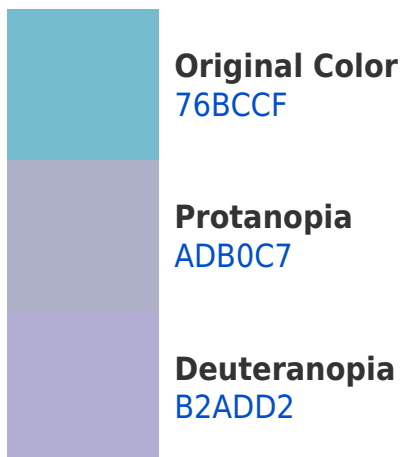


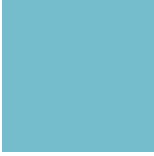
This preview shows how white text looks on a background with the Hex color 76BCCF.

Color Blindness Simulation

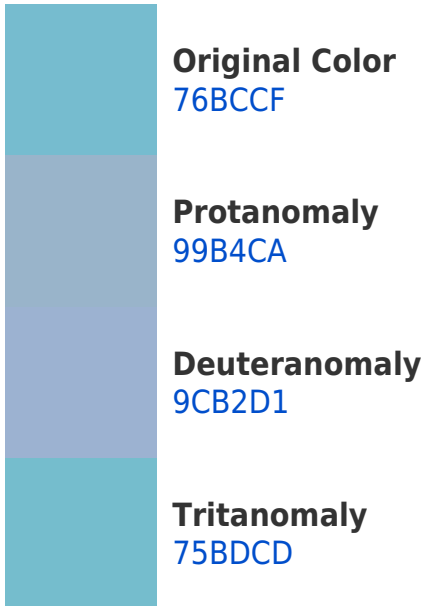
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #76BCCF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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