

Converting Colors

Hex(76BDCC)

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

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Color

Hex(76BDCC)

Conversions

Conversions Part 1

Format	Color
Hex	76BDCC
RGB	118, 189, 204
RGB Percent	46%, 74%, 80%
CMY	0.5373, 0.2588, 0.2000
CMYK	0.42, 0.07, 0.00, 0.20
HSL	190°, 46%, 63%
HSV	190°, 42%, 80%
XYZ	36.5679, 44.6064, 63.8093
YIQ	169.4810, -47.1310, -10.3870

Conversions

Conversions Part 2

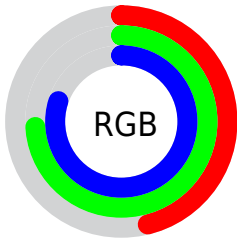
Format	Color
RYB	118, 157, 204
Decimal	7781836
CIELab	72.63, -18.38, -14.55
CIELCh	73, 23.443, 218.376
Yxy	44.6064, 0.2522, 0.3077
Android (android.graphics.Color)	4285971916 (0xFF76BDCC)
YUV	169.4810, 17.0179, -45.1488
Hunter-Lab	66.7880, -19.1464, -9.8941

Details

The Hex color **76BDCC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CC8576**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **AEF5FF**, and **3E8896** is the 20% darker color. If you saturate the color by 10%, you get **62B9CC**, and if you desaturate by 10%, it is **8AC1CC**.

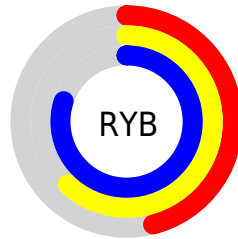
Distribution



Red (46%)

Green (74%)

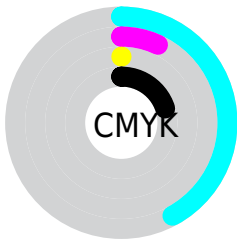
Blue (80%)



Red (46%)

Yellow (62%)

Blue (80%)

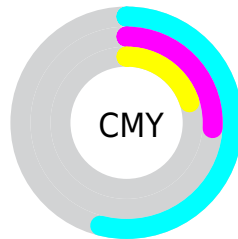


Cyan (42%)

Magenta (7%)

Yellow (0%)

Black (20%)



Cyan (54%)

Magenta (26%)

Yellow (20%)

Brightness & Saturation Gradients

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

 76BDCC

 76BDCC

FFFFFF

 5AA2B1

 AEF5FF

 3E8896

 CBFFFF

 1F6E7C

 E8FFFF

 005663

 003E4B

 002835

 00121F

 000005

 000000

 76BDCC

 76BDCC

 62B9CC

 8AC1CC

 4DB6CC

 9FC4CC

 39B2CC

 B3C8CC

 24AFCC

 C8CBCC

 10ABCC

 DCCFCC

 00A8CC

 F0D2CC

 FFD6CC

 FFD9CC

 FFDDCC

Harmonies

Analogous

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



7ABEB8



76BDCC



85B9D9

Triad

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



76BDCC



D3A5C2



BCB388

Complementary

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



76BDCC



CC8576

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.



D0AC8B



76BDCC



DEA3AD

Square

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



76BDCC



BDABD4



DCA599



A4B990

Rectangle

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



76BDCC



97B4DD



DCA599



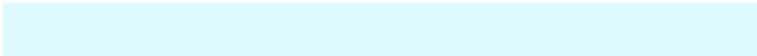
C3B088

Sweetspot

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



76BDCC



DEF9FF



76CC84



6B7C80



000000



808080

Same Dimension

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



76BDCC



7DE8FF



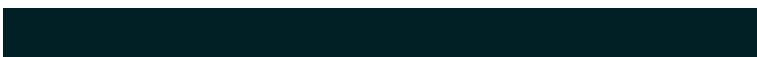
7693CC



5C6466



0089A6



002026

Inverse Universe

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



CC76BD



FF7DE8



CCAF76



665C64



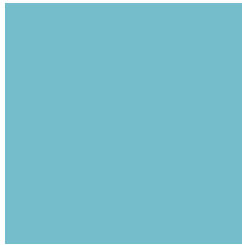
A60089



260020

Previews

White Background



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

Color Contrast Check

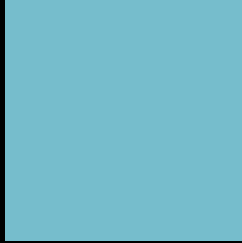
Large Text (above 18pt) WCAG AA × Fail

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 76BDCC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

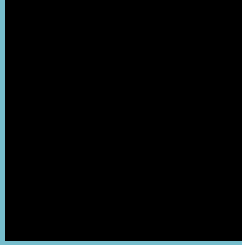
Any Text WCAG AA ✓ Pass

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 76BDCC Background



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

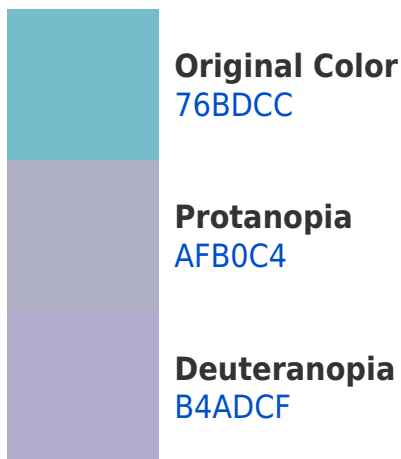


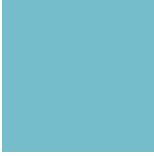
This preview shows how white text looks on a background with the Hex color 76BDCC.

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
76BDCC

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #76BDCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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