

Converting Colors

Hex(76B6CB)

Have a look what the booklet for
Hex(76B6CB) contains.

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Color

Hex(76B6CB)

Conversions

Conversions Part 1

Format	Color
Hex	76B6CB
RGB	118, 182, 203
RGB Percent	46%, 71%, 80%
CMY	0.5373, 0.2863, 0.2039
CMYK	0.42, 0.10, 0.00, 0.20
HSL	195°, 45%, 63%
HSV	195°, 42%, 80%
XYZ	34.9787, 41.6192, 62.6897
YIQ	165.2580, -44.8850, -7.0370

Conversions

Conversions Part 2

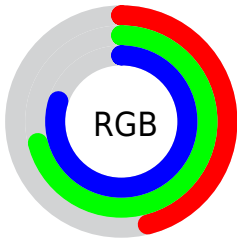
Format	Color
RYB	118, 155, 203
Decimal	7780043
CIELab	70.61, -15.00, -17.06
CIElCh	71, 22.716, 228.677
Yxy	41.6192, 0.2511, 0.2988
Android (android.graphics.Color)	4285970123 (0xFF76B6CB)
YUV	165.2580, 18.6068, -41.4453
Hunter-Lab	64.5130, -16.1158, -12.4552

Details

The Hex color **76B6CB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CB8B76**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **AEEEFF**, and **3F8195** is the 20% darker color. If you saturate the color by 10%, you get **62B1CB**, and if you desaturate by 10%, it is **8ABBCB**.

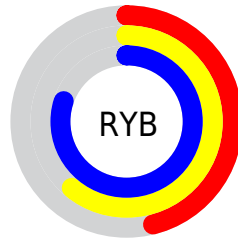
Distribution



Red (46%)

Green (71%)

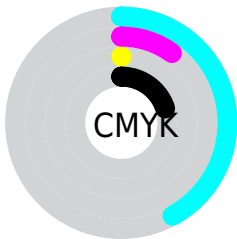
Blue (80%)



Red (46%)

Yellow (61%)

Blue (80%)

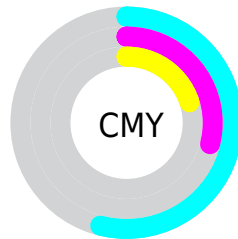


Cyan (42%)

Magenta (10%)

Yellow (0%)

Black (20%)



Cyan (54%)

Magenta (29%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76B6CB 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 76B6CB by changing the saturation by 10% instead.

 76B6CB

 76B6CB

FFFFFF

 5B9BB0

 AEEEFF

 3F8195

 CAFFFF

 21687B

 E7FFFF

 005062

 00394A

 002334

 00061F

 000002

 000000

 76B6CB

 76B6CB

 62B1CB

 8ABBCB

 4DACCB

 9FC0CB

 39A7CB

 B3C5CB

 25A2CB

 C7CACB

 119DCB

 DCCFCB

 0099CB

 F0D4CB

 FFD9CB

 FFDECB

 FFE3CB

Harmonies

Analogous

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



73B8B9



76B6CB



8AB1D5

Triad

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



76B6CB



D19FB5



AFAF85

Complementary

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



76B6CB



CB8B76

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.



C4A985



76B6CB



D79EA0

Square

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



76B6CB



C0A3C8



D2A28F



97B591

Rectangle

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



76B6CB



9CADD5



D2A28F



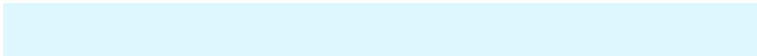
B6AD84

Sweetspot

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



76B6CB



DEF7FF



76CB8A



6B7A80



000000



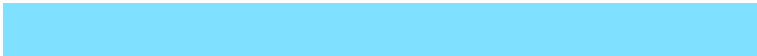
808080

Same Dimension

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



76B6CB



80E0FF



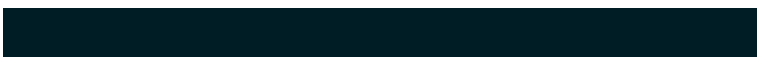
768DCB



5C6366



007DA6



001D26

Inverse Universe

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



CB76B6



FF80DF



CBB476



665C63



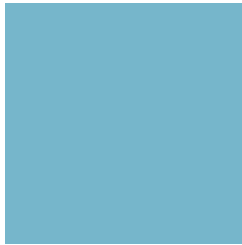
A6007D



26001D

Previews

White Background



This preview shows how the Hex color 76B6CB looks on a white background.

Color Contrast Check

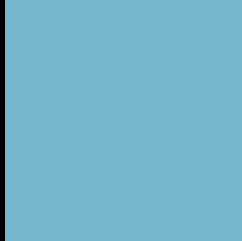
Large Text (above 18pt) WCAG AA × Fail

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 76B6CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

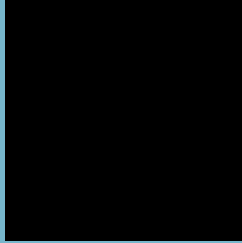
Any Text WCAG AA ✓ Pass

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 76B6CB Background



This preview shows how black text looks on a background with the Hex color 76B6CB.



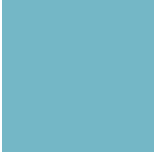
This preview shows how white text looks on a background with the Hex color 76B6CB.

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](#).

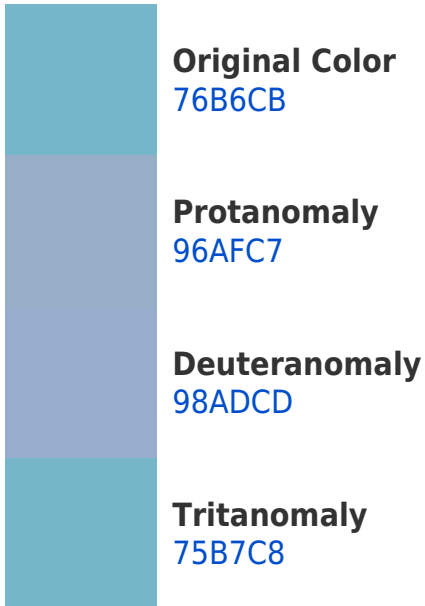
Dichromacy



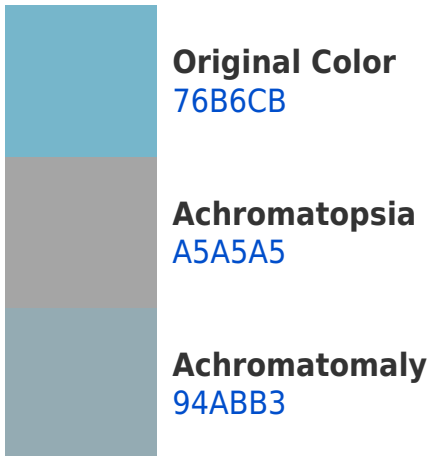


Tritanopia
74B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76B6CB 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 #76B6CB looks like.

```
.text, #text, p{  
    color:#76B6CB  
}
```

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 #76B6CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B6CB
}
```

Border

The CSS property to change the border of an element to Hex 76B6CB 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
#76B6CB }
```

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

```
.border{ border-color:#76B6CB }
```

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

Here you see how a box with a 4 pixel #76B6CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B6CB; -webkit-box-shadow:4px 4px  
4px 4px #76B6CB; box-shadow:4px 4px 4px  
4px #76B6CB }
```

Background

The CSS property to change the background color of an element to Hex 76B6CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B6CB }
```

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

```
.background{ background-color:#76B6CB }
```

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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