

Converting Colors

Hex(76B5C4)

Have a look what the booklet for
Hex(76B5C4) contains.

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Color

Hex(76B5C4)

Conversions

Conversions Part 1

Format	Color
Hex	76B5C4
RGB	118, 181, 196
RGB Percent	46%, 71%, 77%
CMY	0.5373, 0.2902, 0.2314
CMYK	0.40, 0.08, 0.00, 0.23
HSL	192°, 40%, 62%
HSV	192°, 40%, 77%
XYZ	33.9589, 40.8848, 58.3263
YIQ	163.8730, -42.3630, -8.6910

Conversions

Conversions Part 2

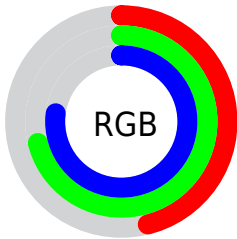
Format	Color
R _Y B	118, 153, 196
Decimal	7779780
CIE Lab	70.10, -16.31, -13.99
CIE LCh	70, 21.485, 220.626
Yxy	40.8848, 0.2550, 0.3070
Android (android.graphics.Color)	4285969860 (0xFF76B5C4)
YUV	163.8730, 15.8386, -40.2306
Hunter-Lab	63.9412, -17.0967, -9.3246

Details

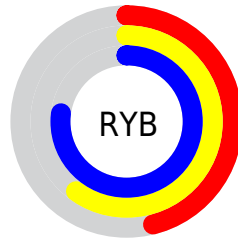
The Hex color **76B5C4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C48576**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **ADEDFD**, and **40808E** is the 20% darker color. If you saturate the color by 10%, you get **62B1C4**, and if you desaturate by 10%, it is **8AB9C4**.

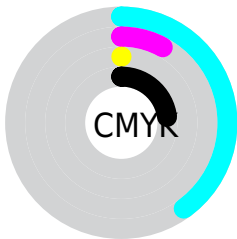
Distribution



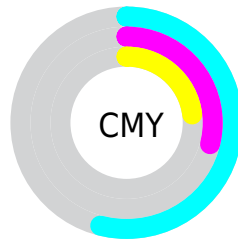
- Red (46%)
- Green (71%)
- Blue (77%)



- Red (46%)
- Yellow (60%)
- Blue (77%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)



- Cyan (54%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76B5C4 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 76B5C4 by changing the saturation by 10% instead.



76B5C4



76B5C4

FFFFFF



5B9AA9



ADEDFD



40808E



CAFFFF



236775



E7FFFF



004F5C



003845



00222E



00021A



000000



76B5C4



76B5C4

62B1C4

8AB9C4

4FADC4

9DBDC4

3BAAC4

B1C0C4

28A6C4

C4C4C4

14A2C4

D8C8C4

009EC4

ECCCC4

FFCFC4

FFD3C4

FFD7C4

Harmonies

Analogous

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



78B7B2



76B5C4



85B1D0

Triad

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



76B5C4



CA9FB9



B3AC85

Complementary

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



76B5C4



C48576

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.



C6A687



76B5C4



D39DA5

Square

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



76B5C4



B7A4C9



D1A093



9DB28D

Rectangle

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



76B5C4



95ADD2



D1A093



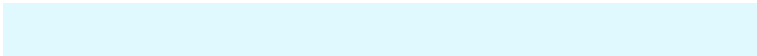
BAAA84

Sweetspot

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



76B5C4



E0F9FF



76C484



6E7C80



000000



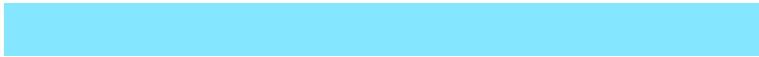
808080

Same Dimension

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



76B5C4



85E7FF



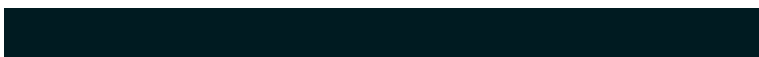
768FC4



575F61



0082A1



001B21

Inverse Universe

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



C476B5



FF85E7



C4AB76



61575F



A10082



21001B

Previews

White Background



This preview shows how the Hex color 76B5C4 looks on a white background.

Color Contrast Check

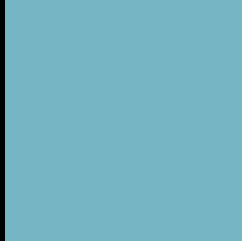
Large Text (above 18pt) WCAG AA × Fail

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 76B5C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

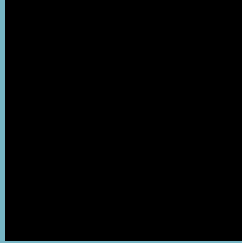
Any Text WCAG AA ✓ Pass

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 76B5C4 Background



This preview shows how black text looks on a background with the Hex color 76B5C4.

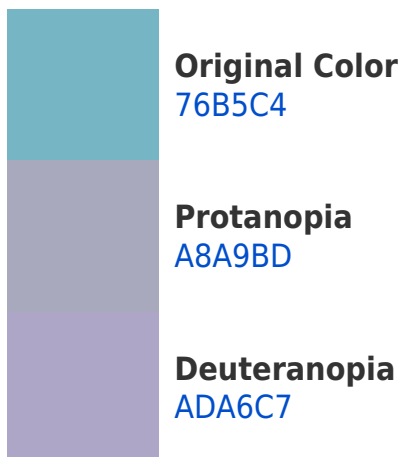


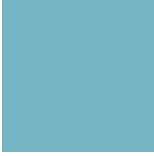
This preview shows how white text looks on a background with the Hex color 76B5C4.

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](#).

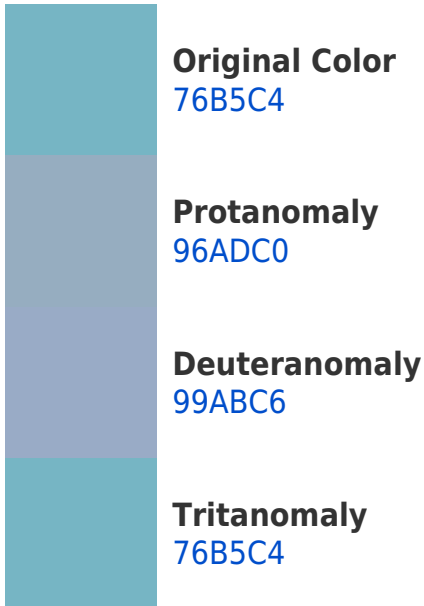
Dichromacy



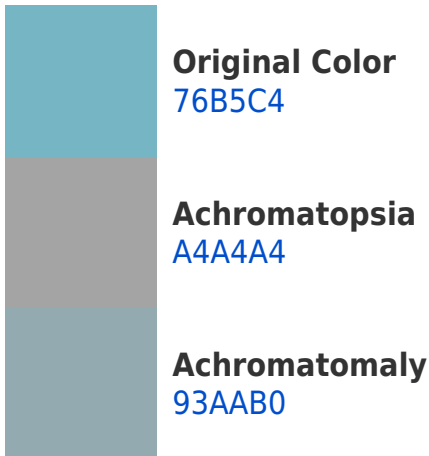


Tritanopia
76B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76B5C4 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 #76B5C4 looks like.

```
.text, #text, p{  
    color:#76B5C4  
}
```

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 #76B5C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B5C4
}
```

Border

The CSS property to change the border of an element to Hex 76B5C4 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
#76B5C4 }
```

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

```
.border{ border-color:#76B5C4 }
```

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

Here you see how a box with a 4 pixel #76B5C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B5C4; -webkit-box-shadow:4px 4px  
4px 4px #76B5C4; box-shadow:4px 4px 4px  
4px #76B5C4 }
```

Background

The CSS property to change the background color of an element to Hex 76B5C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B5C4 }
```

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

```
.background{ background-color:#76B5C4 }
```

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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