

# Converting Colors

Hex(76B5C6)

Have a look what the booklet for  
Hex(76B5C6) contains.

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# **Color**

**Hex(76B5C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76B5C6
RGB	118, 181, 198
RGB Percent	46%, 71%, 78%
CMY	0.5373, 0.2902, 0.2235
CMYK	0.40, 0.09, 0.00, 0.22
HSL	193°, 41%, 62%
HSV	193°, 40%, 78%
XYZ	34.1881, 40.9765, 59.5334
YIQ	164.1010, -43.0050, -8.0690

# Conversions

## Conversions Part 2

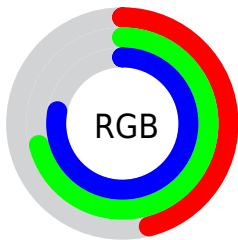
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 153, 198
Decimal	7779782
CIELab	70.16, -15.79, -14.99
CIElCh	70, 21.771, 223.519
Yxy	40.9765, 0.2538, 0.3042
Android (android.graphics.Color)	4285969862 (0xFF76B5C6)
YUV	164.1010, 16.7122, -40.4306
Hunter-Lab	64.0129, -16.6890, -10.3320

# Details

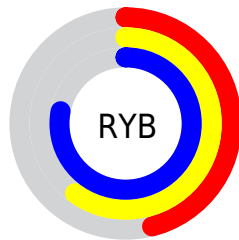
The Hex color **76B5C6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C68776**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **ADEDFE**, and **408090** is the 20% darker color. If you saturate the color by 10%, you get **62B1C6**, and if you desaturate by 10%, it is **8AB9C6**.

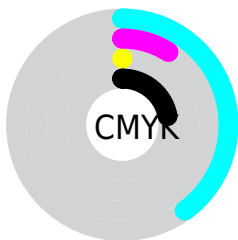
# Distribution



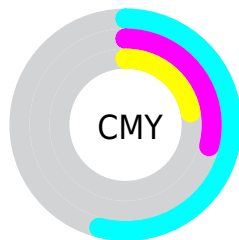
- Red (46%)
- Green (71%)
- Blue (78%)



- Red (46%)
- Yellow (60%)
- Blue (78%)



- Cyan (40%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (54%)
- Magenta (29%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76B5C6 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 76B5C6 by changing the saturation by 10% instead.



 76B5C6

 76B5C6

FFFFFF

 5B9AAB

 ADEDFE

 408090

 CAFFFF

 226777

 E7FFFF

 004F5E

 003846

 002230

 00031C

 000000

 76B5C6

 76B5C6

62B1C6

8AB9C6

4EADC6

9EBDC6

3BA8C6

B1C2C6

27A4C6

C5C6C6

13A0C6

D9CAC6

009CC6

EDCEC6

FFD2C6

FFD7C6

FFDBC6

# Harmonies

## Analogous

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



76B7B4



76B5C6



86B1D1

# Triad

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



76B5C6



CC9FB7



B1AD85

# Complementary

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



76B5C6



C68776

# 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.



C4A786



76B5C6



D49EA3

# Square

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



76B5C6



BAA4C8



D1A191



9BB38E

# Rectangle

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



76B5C6



97ACD3



D1A191



B8AB84

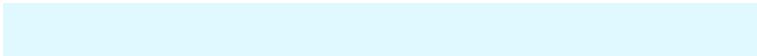


# Sweetspot

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



76B5C6



E0F8FF



76C686



6E7C80



000000



808080

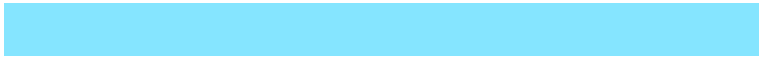


# Same Dimension

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



76B5C6



85E5FF



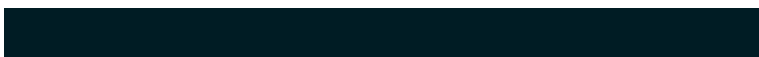
768EC6



5A6163



0081A3



001C24



# Inverse Universe

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



C676B5



FF85E5



C6AE76



635A61



A30081

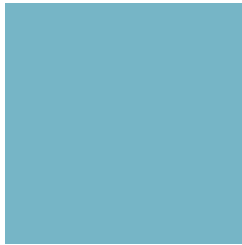


24001C



# Previews

## White Background



This preview shows how the Hex color 76B5C6 looks on a white background.

## Color Contrast Check

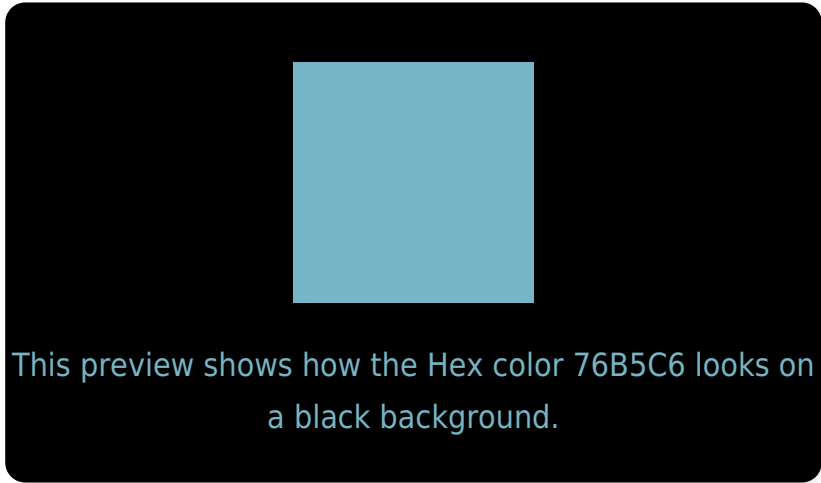
Large Text (above 18pt) WCAG AA × Fail

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

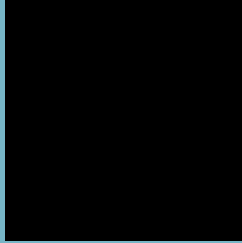
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 76B5C6 Background



This preview shows how black text looks on a background with the Hex color 76B5C6.

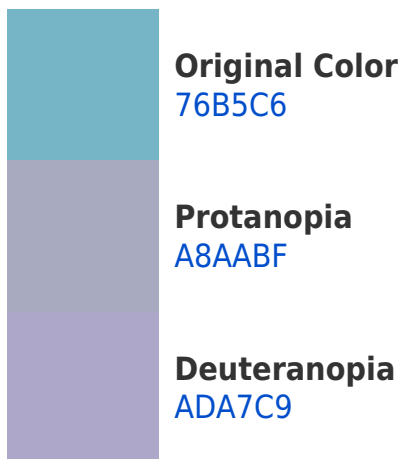


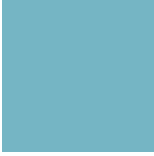
This preview shows how white text looks on a background with the Hex color 76B5C6.

# 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](#).

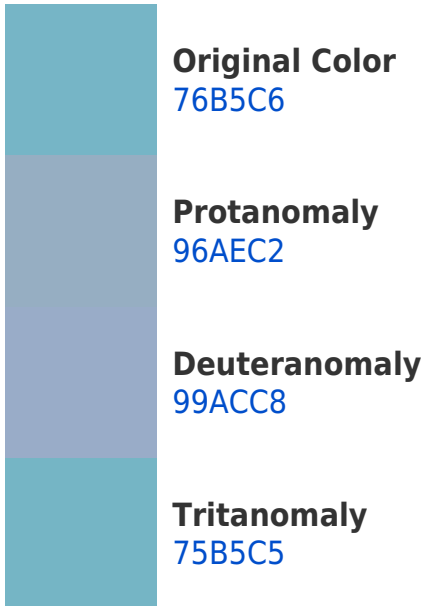
## Dichromacy





**Tritanopia**  
75B5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76B5C6 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 #76B5C6 looks like.

```
.text, #text, p{  
    color:#76B5C6  
}
```

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 #76B5C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B5C6  
}
```

## Border

The CSS property to change the border of an element to Hex 76B5C6 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  
#76B5C6 }
```

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

```
.border{ border-color:#76B5C6 }
```

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

Here you see how a box with a 4 pixel #76B5C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B5C6; -webkit-box-shadow:4px 4px  
4px 4px #76B5C6; box-shadow:4px 4px 4px  
4px #76B5C6 }
```

# Background

The CSS property to change the background color of an element to Hex 76B5C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B5C6 }
```

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

```
.background{ background-color:#76B5C6 }
```

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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