

Converting Colors

Hex(76ACB6)

Have a look what the booklet for
Hex(76ACB6) contains.

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Color

Hex(76ACB6)

Conversions

Conversions Part 1

Format	Color
Hex	76ACB6
RGB	118, 172, 182
RGB Percent	46%, 67%, 71%
CMY	0.5373, 0.3255, 0.2863
CMYK	0.35, 0.05, 0.00, 0.29
HSL	189°, 30%, 59%
HSV	189°, 35%, 71%
XYZ	30.6672, 36.7340, 49.7300
YIQ	156.9940, -35.3940, -8.3380

Conversions

Conversions Part 2

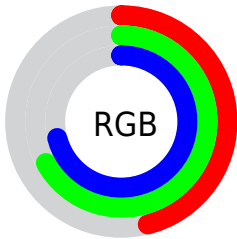
Format	Color
R _Y B	118, 147, 182
Decimal	7777462
CIE Lab	67.08, -15.15, -10.79
CIE LCh	67, 18.599, 215.444
Yxy	36.7340, 0.2618, 0.3136
Android (android.graphics.Color)	4285967542 (0xFF76ACB6)
YUV	156.9940, 12.3280, -34.1977
Hunter-Lab	60.6086, -15.7461, -6.2221

Details

The Hex color **76ACB6** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B68076**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **ACE3EE**, and **427881** is the 20% darker color. If you saturate the color by 10%, you get **64A9B6**, and if you desaturate by 10%, it is **88AFB6**.

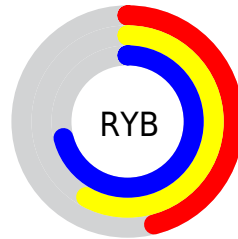
Distribution



Red (46%)

Green (67%)

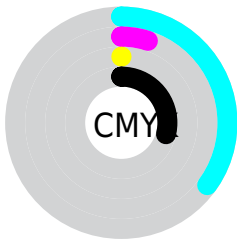
Blue (71%)



Red (46%)

Yellow (58%)

Blue (71%)

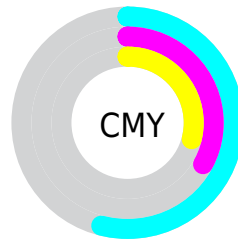


Cyan (35%)

Magenta (5%)

Yellow (0%)

Black (29%)



Cyan (54%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76ACB6 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 76ACB6 by changing the saturation by 10% instead.

 76ACB6

 76ACB6

FFFFFF

 5C919B

 ACE3EE

 427881

 C8FFFF

 275F68

 E5FFFF

 064750

 003039

 001C23

 00010E

 000000

 76ACB6

 76ACB6

64A9B6

88AFB6

52A6B6

9AB2B6

3FA3B6

ADB5B6

2DA1B6

BFB7B6

1B9EB6

D1BAB6

099BB6

E3BDB6

009AB6

F5C0B6

FFC3B6

FFC6B6

Harmonies

Analogous

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



7AADA6



76ACB6



80A9C1

Triad

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



76ACB6



BC99B1



ADA382

Complementary

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



76ACB6



B68076

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.



BC9E85



76ACB6



C597A1

Square

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



76ACB6



AA9EBF



C59991



9AA888

Rectangle

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



76ACB6



8DA6C4



C59991



B3A182

Sweetspot

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



76ACB6



D3E9ED



76B680



687578



F7F7F7



787878

Same Dimension

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



76ACB6



8ADEED



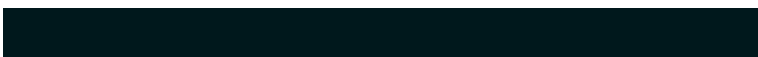
768CB6



535A5C



00839C



00181C

Inverse Universe

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



B676AC



ED8ADE



B6A076



5C535A



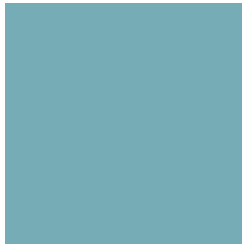
9C0083



1C0018

Previews

White Background



This preview shows how the Hex color 76ACB6 looks on a white background.

Color Contrast Check

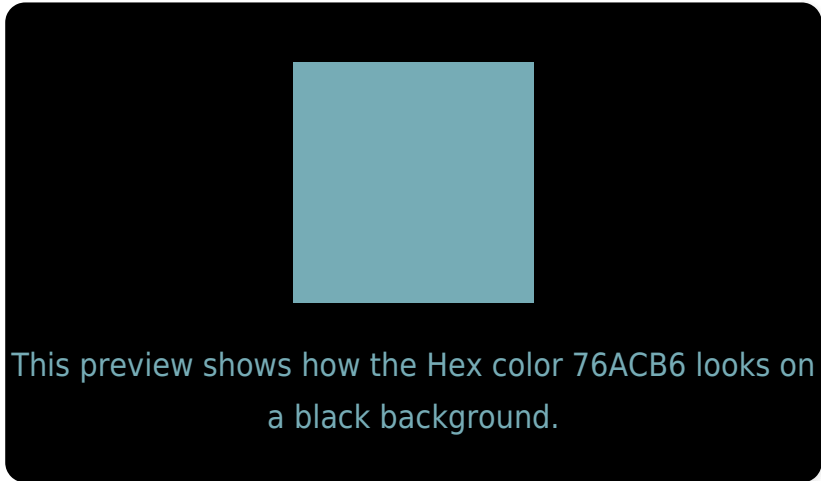
Large Text (above 18pt) WCAG AA × Fail

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

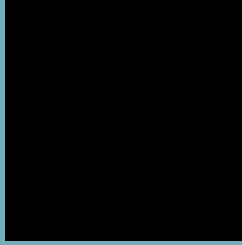
Any Text WCAG AA ✓ Pass

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 76ACB6 Background



This preview shows how black text looks on a background with the Hex color 76ACB6.

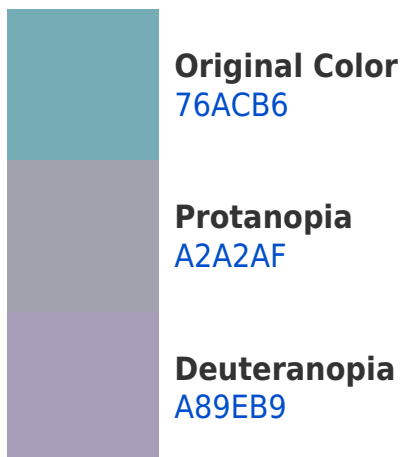


This preview shows how white text looks on a background with the Hex color 76ACB6.

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](#).

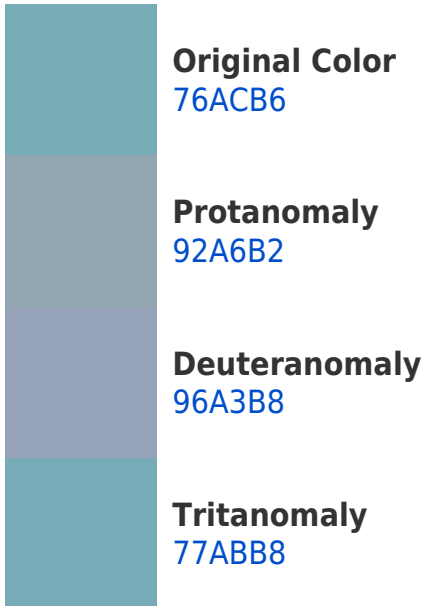
Dichromacy



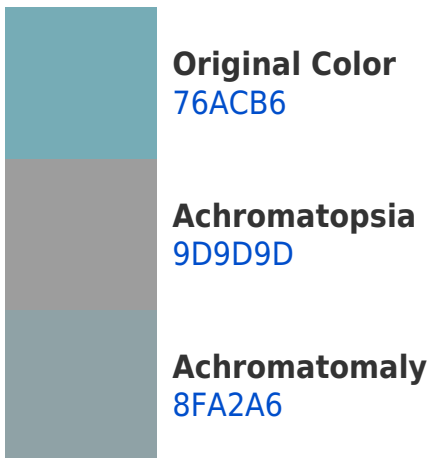


Tritanopia
77ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76ACB6 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 #76ACB6 looks like.

```
.text, #text, p{  
    color:#76ACB6  
}
```

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 #76ACB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76ACB6
}
```

Border

The CSS property to change the border of an element to Hex 76ACB6 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
#76ACB6 }
```

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

```
.border{ border-color:#76ACB6 }
```

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

Here you see how a box with a 4 pixel #76ACB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76ACB6; -webkit-box-shadow:4px 4px  
4px 4px #76ACB6; box-shadow:4px 4px 4px  
4px #76ACB6 }
```

Background

The CSS property to change the background color of an element to Hex 76ACB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76ACB6 }
```

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

```
.background{ background-color:#76ACB6 }
```

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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