

# Converting Colors

Hex(76ACBD)

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

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# **Color**

**Hex(76ACBD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76ACBD
RGB	118, 172, 189
RGB Percent	46%, 67%, 74%
CMY	0.5373, 0.3255, 0.2588
CMYK	0.38, 0.09, 0.00, 0.26
HSL	194°, 35%, 60%
HSV	194°, 38%, 74%
XYZ	31.4090, 37.0307, 53.6363
YIQ	157.7920, -37.6410, -6.1610

# Conversions

## Conversions Part 2

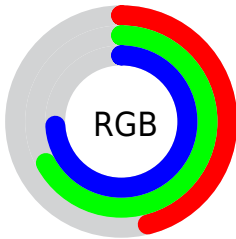
Format	Color
R <sub>YB</sub>	118, 149, 189
Decimal	7777469
CIE Lab	67.30, -13.37, -14.33
CIE LCh	67, 19.601, 226.988
Yxy	37.0307, 0.2573, 0.3033
Android (android.graphics.Color)	4285967549 (0xFF76ACBD)
YUV	157.7920, 15.3855, -34.8976
Hunter-Lab	60.8529, -14.3602, -9.6618

# Details

The Hex color **76ACBD** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BD8776**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **ADE3F5**, and **417888** is the 20% darker color. If you saturate the color by 10%, you get **63A7BD**, and if you desaturate by 10%, it is **89B1BD**.

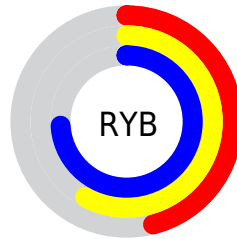
# Distribution



Red (46%)

Green (67%)

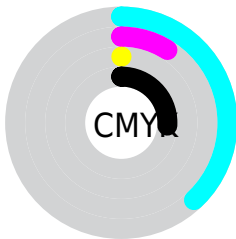
Blue (74%)



Red (46%)

Yellow (58%)

Blue (74%)

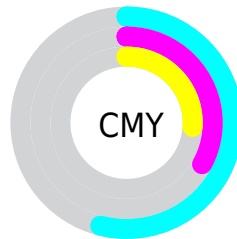


Cyan (38%)

Magenta (9%)

Yellow (0%)

Black (26%)



Cyan (54%)

Magenta (33%)

Yellow (26%)

# Brightness & Saturation Gradients

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



 76ACBD

 76ACBD

FFFFFF

 5B91A2

 ADE3F5

 417888

 C9FFFF

 265F6E

 E6FFFF

 014756

 00313F

 001C29

 000114

 000000

 76ACBD

 76ACBD

63A7BD

89B1BD

50A3BD

9CB5BD

3D9EBD

AFBABD

2A9ABD

C2BEBD

1795BD

D5C3BD

0591BD

E7C7BD

0090BD

FACCBD

FFD0BD

FFD5BD

# Harmonies

## Analogous

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



74AEAD



76ACBD



86A8C6

# Triad

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



76ACBD



C398AC



A7A682

# Complementary

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



76ACBD



BD8776

# 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.



B9A082



76ACBD



C9989A

# Square

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



76ACBD



B39CBC



C59B8B



93AB8B

# Rectangle

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



76ACBD



95A4C7



C59B8B



ADA481



# Sweetspot

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



76ACBD



DAEEF5



76BD87



6A777A



FAFAFA



7A7A7A



# Same Dimension

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



76ACBD



87DAF5



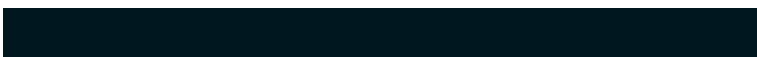
7689BD



555C5E



00789E



00171F



# Inverse Universe

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



BD76AC



F587DA



BDAA76



5E555C



9E0078



1F0017



# Previews

## White Background



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

## Color Contrast Check

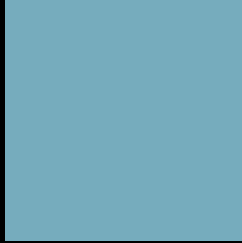
Large Text (above 18pt) WCAG AA × Fail

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 76ACBD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

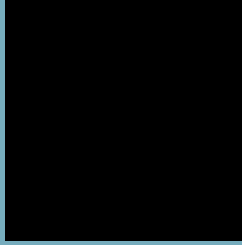
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

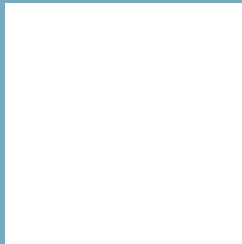
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76ACBD Background



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

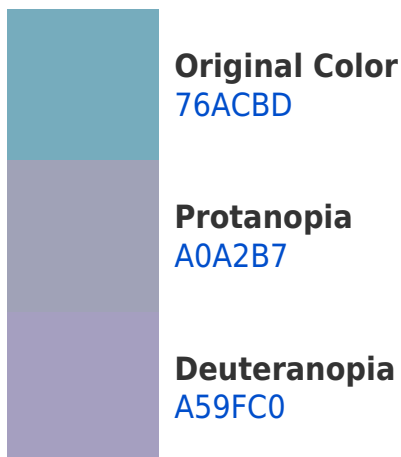


This preview shows how white text looks on a background with the Hex color 76ACBD.

# Color Blindness Simulation

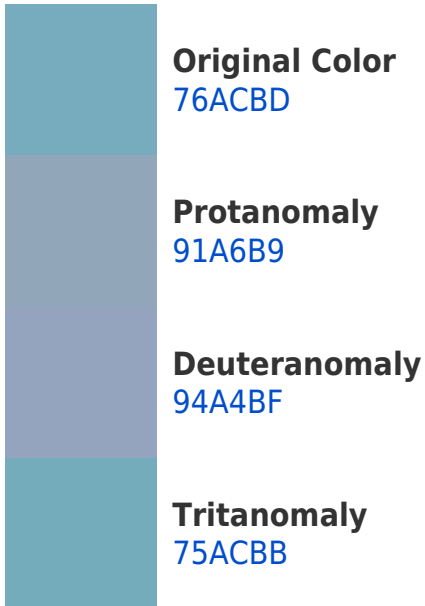
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

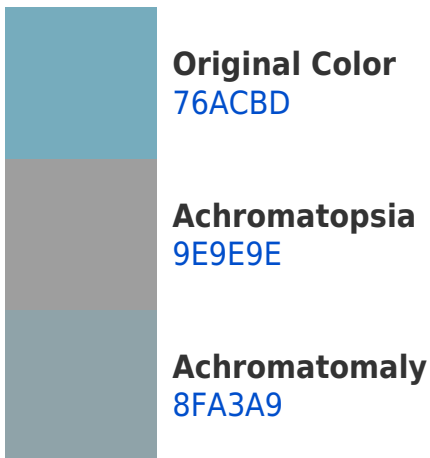




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #76ACBD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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