

Converting Colors

Hex(76ADB6)

Have a look what the booklet for
Hex(76ADB6) contains.

Hex(76ADB6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(76ADB6)

Conversions

Conversions Part 1

Format	Color
Hex	76ADB6
RGB	118, 173, 182
RGB Percent	46%, 68%, 71%
CMY	0.5373, 0.3216, 0.2863
CMYK	0.35, 0.05, 0.00, 0.29
HSL	188°, 30%, 59%
HSV	188°, 35%, 71%
XYZ	30.8583, 37.1161, 49.7937
YIQ	157.5810, -35.6690, -8.8610

Conversions

Conversions Part 2

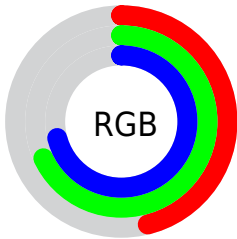
Format	Color
RYB	118, 148, 182
Decimal	7777718
CIELab	67.36, -15.68, -10.36
CIElCh	67, 18.791, 213.446
Yxy	37.1161, 0.2620, 0.3152
Android (android.graphics.Color)	4285967798 (0xFF76ADB6)
YUV	157.5810, 12.0386, -34.7125
Hunter-Lab	60.9230, -16.2026, -5.8129

Details

The Hex color **76ADB6** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B67F76**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **ACE5EE**, and **427981** is the 20% darker color. If you saturate the color by 10%, you get **64AAB6**, and if you desaturate by 10%, it is **88B0B6**.

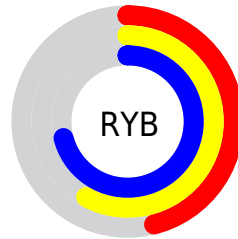
Distribution



Red (46%)

Green (68%)

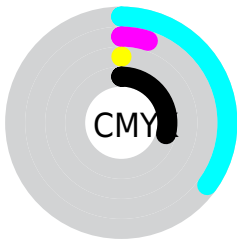
Blue (71%)



Red (46%)

Yellow (58%)

Blue (71%)

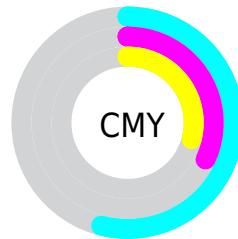


Cyan (35%)

Magenta (5%)

Yellow (0%)

Black (29%)



Cyan (54%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76ADB6 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 76ADB6 by changing the saturation by 10% instead.

 76ADB6

 76ADB6

FFFFFF

 5C929B

 ACE5EE

 427981

 C8FFFF

 276068

 E5FFFF

 054850

 003139

 001D24

 00010E

 000000

 76ADB6

 76ADB6

64AAB6

88B0B6

52A8B6

9AB2B6

3FA5B6

ADB5B6

2DA3B6

BFB7B6

1BA0B6

D1BAB6

099EB6

E3BCB6

009CB6

F5BFB6

FFC1B6

FFC4B6

Harmonies

Analogous

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



7BAEA5



76ADB6



7FAAC2

Triad

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



76ADB6



BC9AB3



AFA382

Complementary

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



76ADB6



B67F76

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.



BE9E86



76ADB6



C698A3

Square

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



76ADB6



AA9FC0



C79A92



9CA988

Rectangle

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



76ADB6



8CA7C5



C79A92



B5A283

Sweetspot

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



76ADB6



D3E9ED



76B67F



687678



F7F7F7



787878

Same Dimension

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



76ADB6



8ADFED



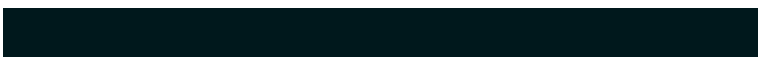
768DB6



535B5C



00869C



00181C

Inverse Universe

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



B676AD



ED8ADF



B69F76



5C535B



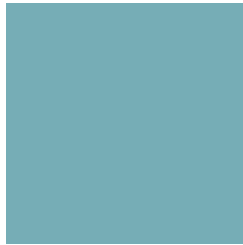
9C0086



1C0018

Previews

White Background



This preview shows how the Hex color 76ADB6 looks on a white background.

Color Contrast Check

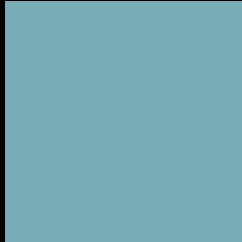
Large Text (above 18pt) WCAG AA × Fail

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 76ADB6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

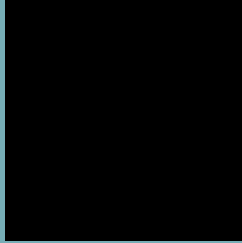
Any Text WCAG AA ✓ Pass

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 76ADB6 Background



This preview shows how black text looks on a background with the Hex color 76ADB6.

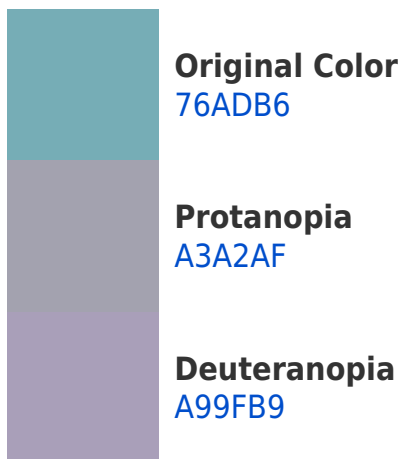


This preview shows how white text looks on a background with the Hex color 76ADB6.

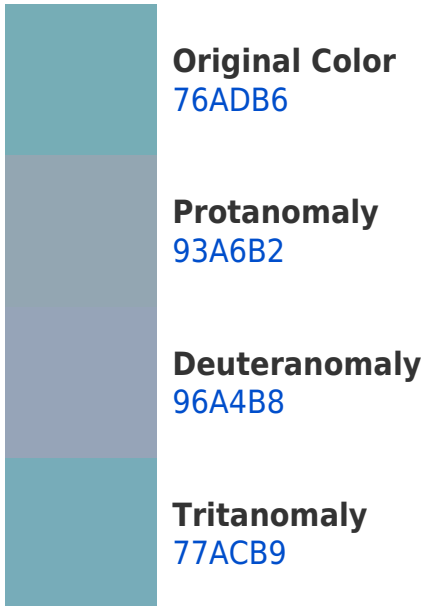
Color Blindness Simulation

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](#).

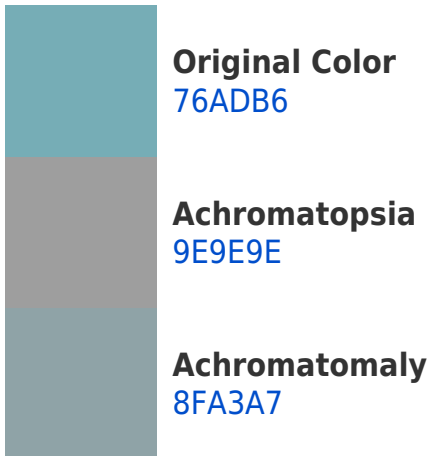
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76ADB6 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 #76ADB6 looks like.

```
.text, #text, p{  
    color:#76ADB6  
}
```

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 #76ADB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76ADB6  
}
```

Border

The CSS property to change the border of an element to Hex 76ADB6 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  
#76ADB6 }
```

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

```
.border{ border-color:#76ADB6 }
```

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

Here you see how a box with a 4 pixel #76ADB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76ADB6; -webkit-box-shadow:4px 4px  
4px 4px #76ADB6; box-shadow:4px 4px 4px  
4px #76ADB6 }
```

Background

The CSS property to change the background color of an element to Hex 76ADB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76ADB6 }
```

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

```
.background{ background-color:#76ADB6 }
```

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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