

Converting Colors

Hex(76A5B0)

Have a look what the booklet for
Hex(76A5B0) contains.

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Color

Hex(76A5B0)

Conversions

Conversions Part 1

Format	Color
Hex	76A5B0
RGB	118, 165, 176
RGB Percent	46%, 65%, 69%
CMY	0.5373, 0.3529, 0.3098
CMYK	0.33, 0.06, 0.00, 0.31
HSL	191°, 27%, 58%
HSV	191°, 33%, 69%
XYZ	28.7628, 33.8964, 46.1010
YIQ	152.2010, -31.5430, -6.5430

Conversions

Conversions Part 2

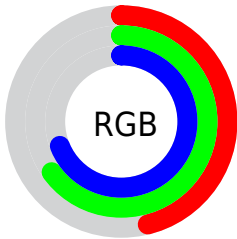
Format	Color
RYB	118, 144, 176
Decimal	7775664
CIELab	64.88, -12.93, -10.73
CIELCh	65, 16.807, 219.681
Yxy	33.8964, 0.2645, 0.3117
Android (android.graphics.Color)	4285965744 (0xFF76A5B0)
YUV	152.2010, 11.7329, -29.9943
Hunter-Lab	58.2206, -13.7015, -6.1933

Details

The Hex color **76A5B0** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B08176**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **ACDCE8**, and **42717C** is the 20% darker color. If you saturate the color by 10%, you get **64A2B0**, and if you desaturate by 10%, it is **88A8B0**.

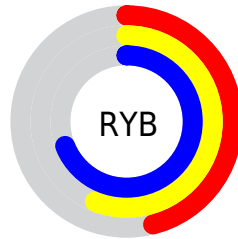
Distribution



Red (46%)

Green (65%)

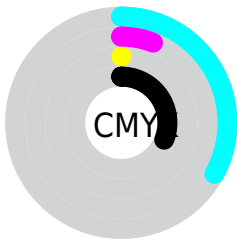
Blue (69%)



Red (46%)

Yellow (56%)

Blue (69%)

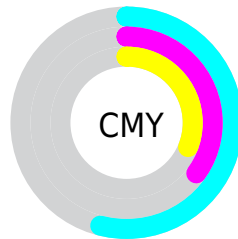


Cyan (33%)

Magenta (6%)

Yellow (0%)

Black (31%)



Cyan (54%)

Magenta (35%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76A5B0 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 76A5B0 by changing the saturation by 10% instead.

 76A5B0

 76A5B0

FFFFFF

 5C8B95

 ACDCE8

 42717C

 C8F9FF

 295963

 E4FFFF

 0C414B


 002B34

 00171F

 000005

 000000

 76A5B0

 76A5B0

64A2B0

88A8B0

539EB0

99ACB0

419BB0

ABAFB0

3098B0

BCB2B0

1E94B0

CEB6B0

0C91B0

E0B9B0

008FB0

F1BCB0

FFC0B0

FFC3B0

Harmonies

Analogous

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



77A6A2



76A5B0



80A2B9

Triad

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



76A5B0



B594A8



A49E80

Complementary

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



76A5B0



B08176

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.



B29982



76A5B0



BD9399

Square

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



76A5B0



A698B5



BB958B



93A286

Rectangle

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



76A5B0



8C9FBB



BB958B



A99C80

Sweetspot

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



76A5B0



CFE1E6



76B081



657073



F2F2F2



737373

Same Dimension

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



76A5B0



8AD4E6



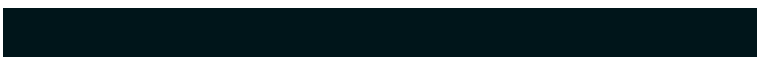
7688B0



505859



007C99



00151A

Inverse Universe

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



B076A5



E68AD4



B09E76



595058



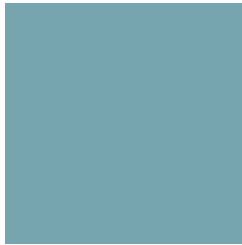
99007C



1A0015

Previews

White Background



This preview shows how the Hex color 76A5B0 looks on a white background.

Color Contrast Check

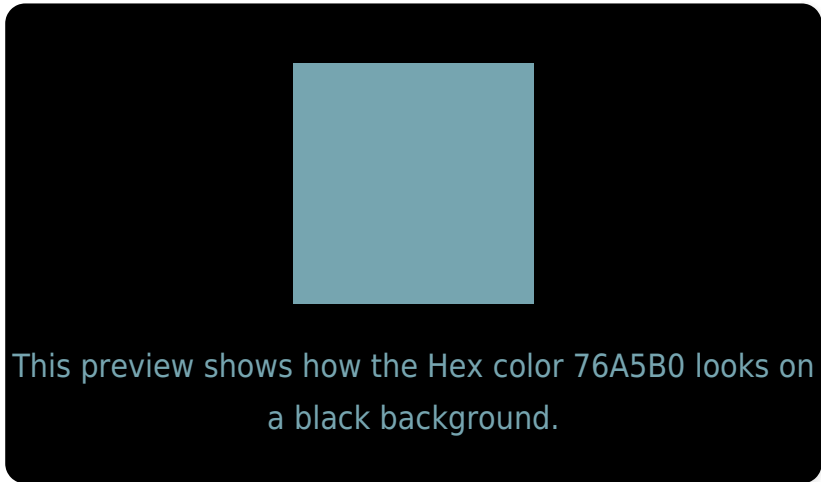
Large Text (above 18pt) WCAG AA × Fail

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

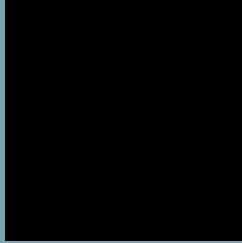
Any Text WCAG AA ✓ Pass

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 76A5B0 Background



This preview shows how black text looks on a background with the Hex color 76A5B0.

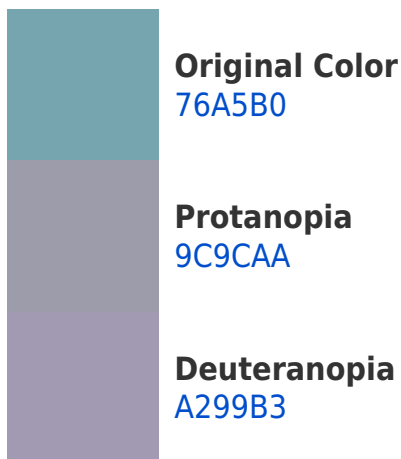


This preview shows how white text looks on a background with the Hex color 76A5B0.

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](#).

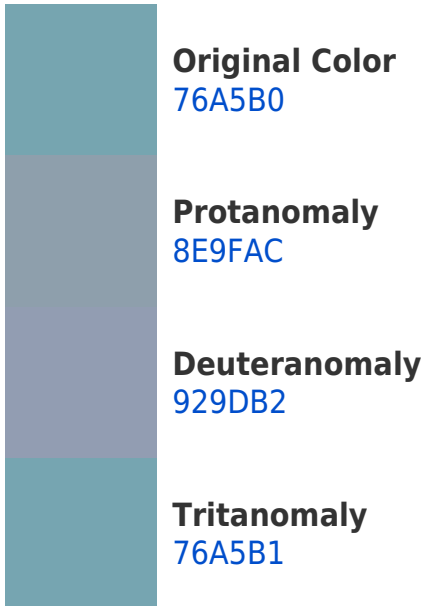
Dichromacy



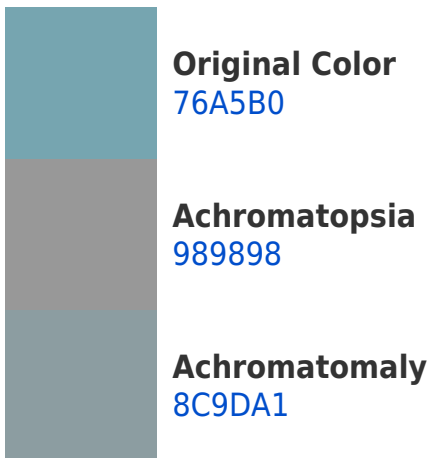


Tritanopia
76A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76A5B0 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 #76A5B0 looks like.

```
.text, #text, p{  
    color:#76A5B0  
}
```

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 #76A5B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A5B0
}
```

Border

The CSS property to change the border of an element to Hex 76A5B0 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
#76A5B0 }
```

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

```
.border{ border-color:#76A5B0 }
```

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

Here you see how a box with a 4 pixel #76A5B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A5B0; -webkit-box-shadow:4px 4px  
4px 4px #76A5B0; box-shadow:4px 4px 4px  
4px #76A5B0 }
```

Background

The CSS property to change the background color of an element to Hex 76A5B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A5B0 }
```

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

```
.background{ background-color:#76A5B0 }
```

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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