

# Converting Colors

Hex(76A1B5)

Have a look what the booklet for  
Hex(76A1B5) contains.

<b>Hex(76A1B5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(76A1B5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76A1B5
RGB	118, 161, 181
RGB Percent	46%, 63%, 71%
CMY	0.5373, 0.3686, 0.2902
CMYK	0.35, 0.11, 0.00, 0.29
HSL	199°, 30%, 59%
HSV	199°, 35%, 71%
XYZ	28.5566, 32.6775, 48.5184
YIQ	150.4230, -32.0480, -2.8960

# Conversions

## Conversions Part 2

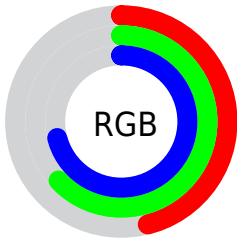
Format	Color
<a href="#">RYB</a>	<a href="#">118, 144, 181</a>
Decimal	<a href="#">7774645</a>
CIELab	<a href="#">63.90, -9.51, -15.00</a>
CIELCh	<a href="#">64, 17.764, 237.634</a>
Yxy	<a href="#">32.6775, 0.2602, 0.2977</a>
Android (android.graphics.Color)	<a href="#">4285964725</a> ( <a href="#">0xFF76A1B5</a> )
YUV	<a href="#">150.4230, 15.0745, -28.4350</a>
Hunter-Lab	<a href="#">57.1642, -10.8671, -10.3077</a>

# Details

The Hex color **76A1B5** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B58A76**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ACD8ED**, and **426D80** is the 20% darker color. If you saturate the color by 10%, you get **649BB5**, and if you desaturate by 10%, it is **88A7B5**.

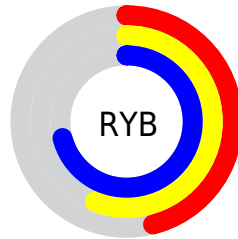
# Distribution



Red (46%)

Green (63%)

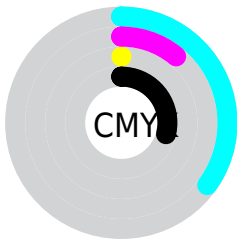
Blue (71%)



Red (46%)

Yellow (56%)

Blue (71%)

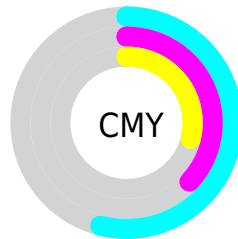


Cyan (35%)

Magenta (11%)

Yellow (0%)

Black (29%)



Cyan (54%)

Magenta (37%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76A1B5 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 76A1B5 by changing the saturation by 10% instead.



 76A1B5

 76A1B5

FFFFFF

 5C879A

 ACD8ED

 426D80

 C8F4FF

 295567

 E5FFFF

 0B3E4F

 002838

 001423

 00000B

 000000

 76A1B5

 76A1B5

649BB5

88A7B5

5296B5

9AACB5

4090B5

ACB2B5

2E8AB5

BEB8B5

1B84B5

D1BEB5

097FB5

E3C3B5

007CB5

F5C9B5

FFCFB5

FFD5B5

# Harmonies

## Analogous

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



70A4A9



76A1B5



879DBA

# Triad

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



76A1B5



B9909D



979E7F

# Complementary

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



76A1B5



B58A76

# 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.



A8997B



76A1B5



BC918D

# Square

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



76A1B5



AE92AC



B59481



85A289

# Rectangle

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



76A1B5



9599B9



B59481



9D9D7D



# Sweetspot

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



76A1B5



D3E3EB



76B58A



677175



F5F5F5



757575



# Same Dimension

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



76A1B5



88CBEB



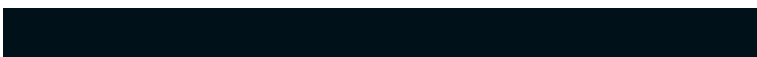
7682B5



505659



006899



00111A



# Inverse Universe

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



B576A1



EB88CB



B5A976



595056



990068



1A0011



# Previews

## White Background



This preview shows how the Hex color 76A1B5 looks on a white background.

## Color Contrast Check

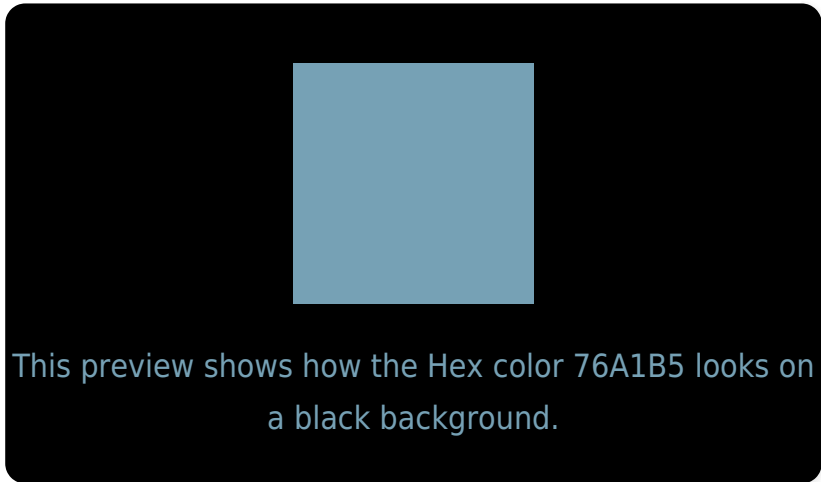
Large Text (above 18pt) WCAG AA × Fail

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

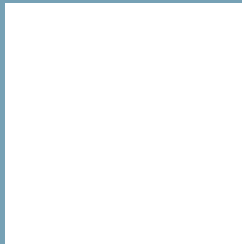
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76A1B5 Background



This preview shows how black text looks on a background with the Hex color 76A1B5.

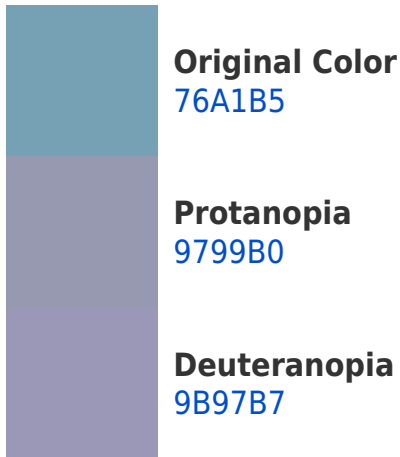


This preview shows how white text looks on a background with the Hex color 76A1B5.

# 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](#).

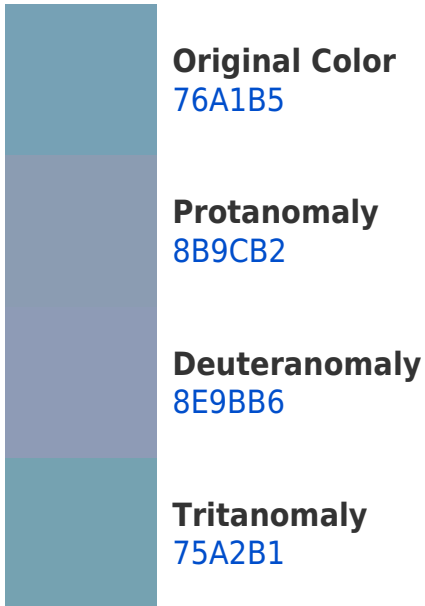
## Dichromacy



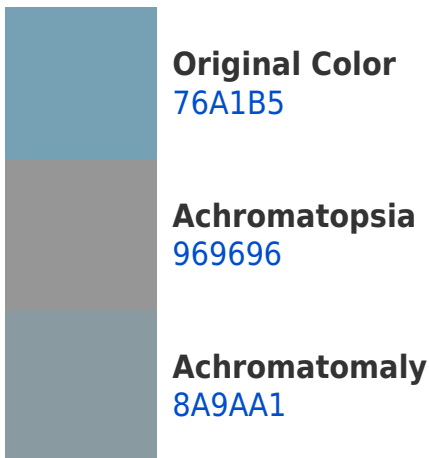


**Tritanopia**  
75A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76A1B5 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 #76A1B5 looks like.

```
.text, #text, p{  
    color:#76A1B5  
}
```

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 #76A1B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A1B5
}
```

## Border

The CSS property to change the border of an element to Hex 76A1B5 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
#76A1B5 }
```

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

```
.border{ border-color:#76A1B5 }
```

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

Here you see how a box with a 4 pixel #76A1B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A1B5; -webkit-box-shadow:4px 4px  
4px 4px #76A1B5; box-shadow:4px 4px 4px  
4px #76A1B5 }
```

# Background

The CSS property to change the background color of an element to Hex 76A1B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A1B5 }
```

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

```
.background{ background-color:#76A1B5 }
```

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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