

# Converting Colors

Hex(76A7B9)

Have a look what the booklet for  
Hex(76A7B9) contains.

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# **Color**

**Hex(76A7B9)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 76A7B9                      |
| RGB         | 118, 167, 185               |
| RGB Percent | 46%, 65%, 73%               |
| CMY         | 0.5373, 0.3451, 0.2745      |
| CMYK        | 0.36, 0.10, 0.00, 0.27      |
| HSL         | 196°, 32%, 59%              |
| HSV         | 196°, 36%, 73%              |
| XYZ         | 30.0469, 34.9918, 51.0694   |
| YIQ         | 154.4010, -34.9820, -4.7900 |

# Conversions

## Conversions Part 2

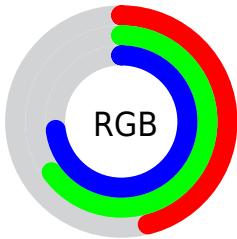
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 118, 146, 185                  |
| Decimal                             | 7776185                        |
| CIE Lab                             | 65.74, -11.73, -14.46          |
| CIE LCh                             | 66, 18.616, 230.952            |
| Yxy                                 | 34.9918, 0.2588,<br>0.3014     |
| Android<br>(android.graphics.Color) | 4285966265<br>(0xFF76A7B9)     |
| YUV                                 | 154.4010, 15.0853,<br>-31.9237 |
| Hunter-Lab                          | 59.1538, -12.8511,<br>-9.7793  |

# Details

The Hex color **76A7B9** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B98876**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **ACDEF1**, and **427384** is the 20% darker color. If you saturate the color by 10%, you get **64A2B9**, and if you desaturate by 10%, it is **89ACB9**.

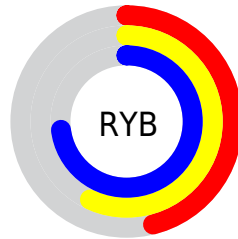
# Distribution



Red (46%)

Green (65%)

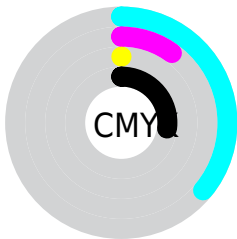
Blue (73%)



Red (46%)

Yellow (57%)

Blue (73%)

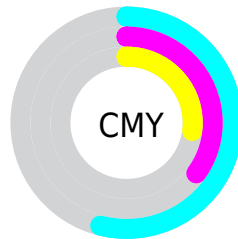


Cyan (36%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (54%)

Magenta (35%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76A7B9 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 76A7B9 by changing the saturation by 10% instead.



 76A7B9

 76A7B9

FFFFFF

 5C8D9E

 ACDEF1

 427384

 C8FBFF

 275A6B

 E5FFFF


 064352

 002D3B

 001926

 000110

 000000

 76A7B9

 76A7B9

64A2B9

89ACB9

519DB9

9BB1B9

3F98B9

AEB6B9

2C93B9

C0BBB9

1A8EB9

D3C0B9

0789B9

E5C5B9

0087B9

F8CAB9

FFCFB9

FFD4B9

# Harmonies

## Analogous

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



73A9AB



76A7B9



86A3C0

# Triad

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



76A7B9



BE94A5



A0A280

# Complementary

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



76A7B9



B98876

# 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.



B19D7F



76A7B9



C39494

# Square

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



76A7B9



B098B5



BE9886



8DA78A

# Rectangle

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



76A7B9



959FC0



BE9886



A6A17F



# Sweetspot

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



76A7B9



D5E9F0



76B988



687478



F7F7F7



787878



# Same Dimension

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



76A7B9



89D4F0



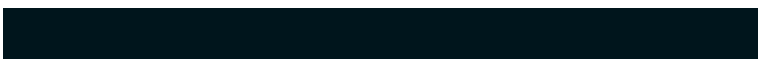
7686B9



53595C



00729C



00151C



# Inverse Universe

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



B976A7



F089D4



B9A976



5C5359



9C0072



1C0015



# Previews

## White Background



This preview shows how the Hex color 76A7B9 looks on a white background.

## Color Contrast Check

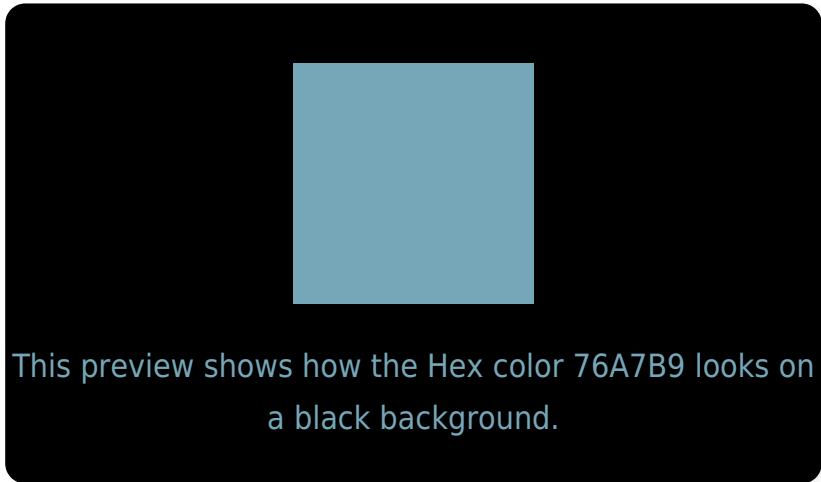
Large Text (above 18pt) WCAG AA × Fail

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

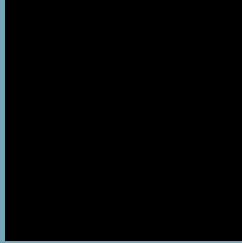
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 76A7B9 Background



This preview shows how black text looks on a background with the Hex color 76A7B9.

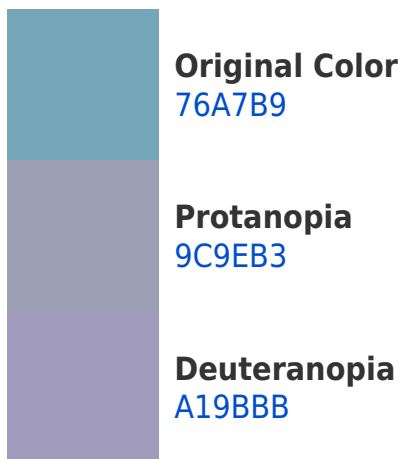


This preview shows how white text looks on a background with the Hex color 76A7B9.

# 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](#).

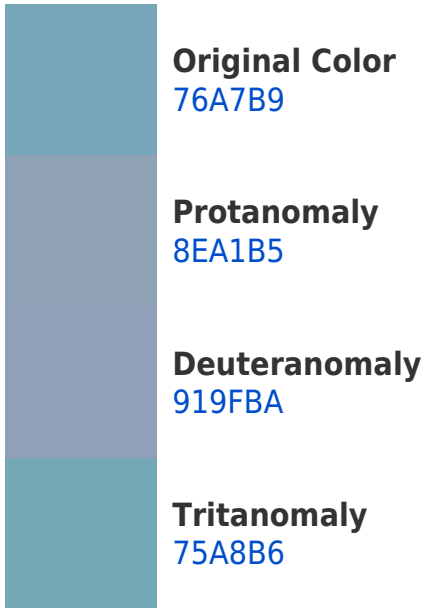
## Dichromacy



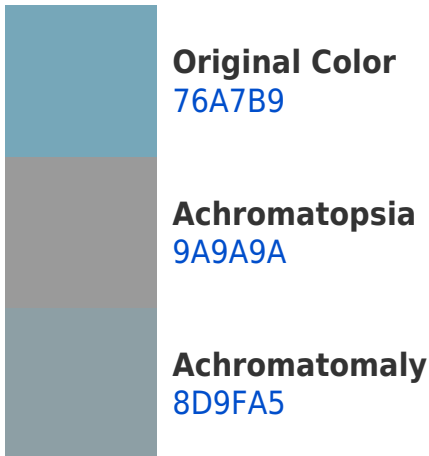


**Tritanopia**  
75A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76A7B9 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 #76A7B9 looks like.

```
.text, #text, p{  
    color:#76A7B9  
}
```

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 #76A7B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A7B9
}
```

## Border

The CSS property to change the border of an element to Hex 76A7B9 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
#76A7B9 }
```

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

```
.border{ border-color:#76A7B9 }
```

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

Here you see how a box with a 4 pixel #76A7B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A7B9; -webkit-box-shadow:4px 4px  
4px 4px #76A7B9; box-shadow:4px 4px 4px  
4px #76A7B9 }
```

# Background

The CSS property to change the background color of an element to Hex 76A7B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A7B9 }
```

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

```
.background{ background-color:#76A7B9 }
```

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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