

# Converting Colors

Hex(74959B)

Have a look what the booklet for  
Hex(74959B) contains.

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# Color

Hex(74959B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74959B
RGB	116, 149, 155
RGB Percent	45%, 58%, 61%
CMY	0.5451, 0.4157, 0.3922
CMYK	0.25, 0.04, 0.00, 0.39
HSL	189°, 16%, 53%
HSV	189°, 25%, 61%
XYZ	23.8663, 27.5745, 35.0749
YIQ	139.8170, -21.5940, -5.1300

# Conversions

## Conversions Part 2

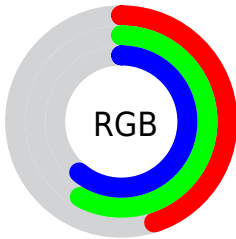
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 134, 155
Decimal	7640475
CIE Lab	59.50, -10.00, -6.93
CIE LCh	60, 12.163, 214.704
Yxy	27.5745, 0.2759, 0.3187
Android (android.graphics.Color)	4285830555 (0xFF74959B)
YUV	139.8170, 7.4852, -20.8875
Hunter-Lab	52.5114, -10.7671, -2.8447

# Details

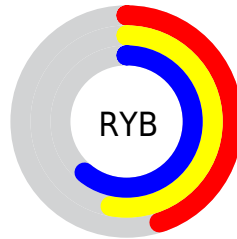
The Hex color **74959B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9B7A74**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A9CBD1**, and **426268** is the 20% darker color. If you saturate the color by 10%, you get **65939B**, and if you desaturate by 10%, it is **84979B**.

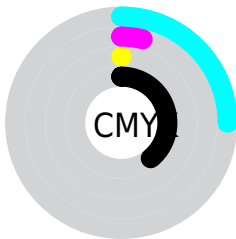
# Distribution



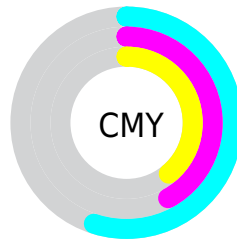
- Red (45%)
- Green (58%)
- Blue (61%)



- Red (45%)
- Yellow (53%)
- Blue (61%)



- Cyan (25%)
- Magenta (4%)
- Yellow (0%)
- Black (39%)



- Cyan (55%)
- Magenta (42%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74959B 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 74959B by changing the saturation by 10% instead.



 74959B

 74959B

FFFFFF

 5B7B81


 A9CBD1

 426268

 C4E7EE

 2B4A50

 E1FFFF

 133439

FDFFFF

 001F23

 00010E

 000000

 74959B

 74959B

 65939B

 84979B

55909B

939A9B

468E9B

A39C9B

368B9B

B29F9B

27899B

C2A19B

17879B

D1A39B

08849B

E1A69B

00839B

F0A89B

FFAA9B

# Harmonies

## Analogous

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



769691



74959B



7A93A2

# Triad

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



74959B



9F8999



968F7A

# Complementary

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



74959B



9B7A74

# 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.



A08C7C



74959B



A5888E

# Square

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



74959B



938CA1



A68984



8A927E

# Rectangle

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



74959B



8191A4



A68984



9A8E7A



# Sweetspot

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



74959B



B9C7C9



749B7A



5C6466



E6E6E6



666666



# Same Dimension

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



74959B



8DC0C9



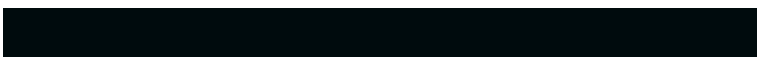
74829B



454B4D



00778C



000B0D



# Inverse Universe

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



9B7495



C98DC0



9B8D74



4D454B



8C0077



0D000B



# Previews

## White Background



This preview shows how the Hex color 74959B looks on a white background.

## Color Contrast Check

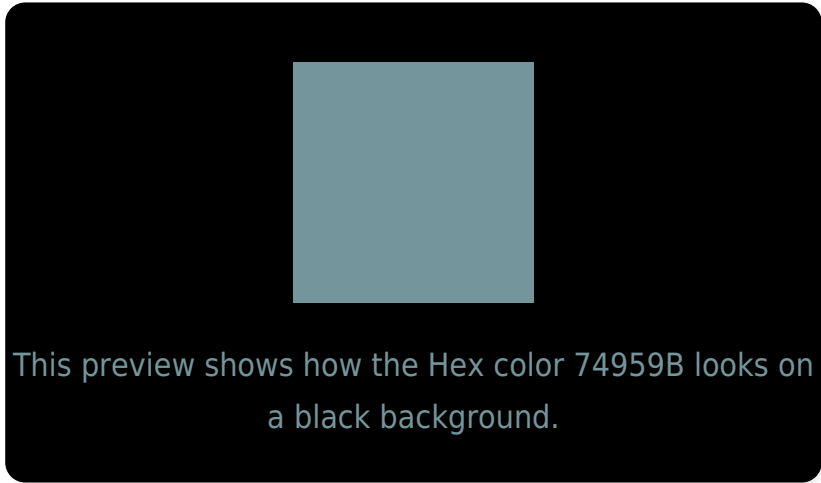
Large Text (above 18pt) WCAG AA ✓ Pass

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

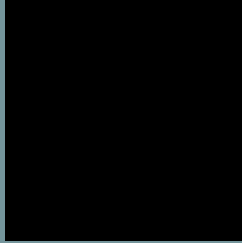
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

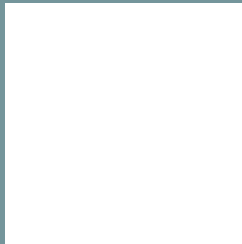
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 74959B Background



This preview shows how black text looks on a background with the Hex color 74959B.

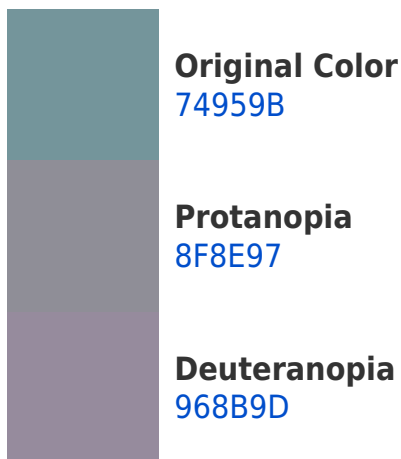


This preview shows how white text looks on a background with the Hex color 74959B.

# 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](#).

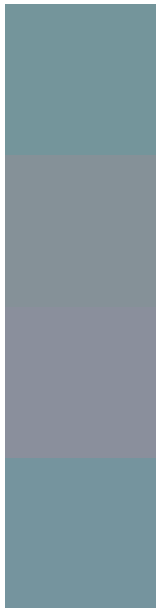
## Dichromacy





**Tritanopia**  
7594A0

# Trichromacy



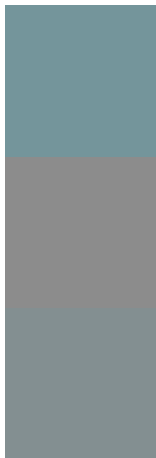
**Original Color**  
74959B

**Protanomaly**  
859198

**Deuteranomaly**  
8A8F9C

**Tritanomaly**  
75949E

# Monochromacy



**Original Color**  
74959B

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
838F91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74959B 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 #74959B looks like.

```
.text, #text, p{  
    color:#74959B  
}
```

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 #74959B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74959B
}
```

## Border

The CSS property to change the border of an element to Hex 74959B 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
#74959B }
```

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

```
.border{ border-color:#74959B }
```

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

Here you see how a box with a 4 pixel #74959B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74959B; -webkit-box-shadow:4px 4px  
4px 4px #74959B; box-shadow:4px 4px 4px  
4px #74959B }
```

# Background

The CSS property to change the background color of an element to Hex 74959B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74959B }
```

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

```
.background{ background-color:#74959B }
```

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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