

# Converting Colors

Hex(7F779A)

Have a look what the booklet for  
Hex(7F779A) contains.

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# Color

**Hex(7F779A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F779A
RGB	127, 119, 154
RGB Percent	50%, 47%, 60%
CMY	0.5020, 0.5333, 0.3961
CMYK	0.18, 0.23, 0.00, 0.40
HSL	254°, 15%, 54%
HSV	254°, 23%, 60%
XYZ	21.1820, 20.0388, 33.3233
YIQ	125.3820, -6.4670, 12.5810

# Conversions

## Conversions Part 2

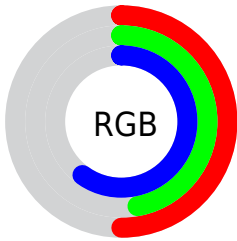
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 119, 154
Decimal	8353690
CIE <sub>Lab</sub>	51.88, 10.55, -17.74
CIE <sub>LCh</sub>	52, 20.644, 300.737
Yxy	20.0388, 0.2842, 0.2688
Android (android.graphics.Color)	4286543770 (0xFF7F779A)
YUV	125.3820, 14.1087, 1.4190
Hunter-Lab	44.7647, 6.1252, -12.8008

# Details

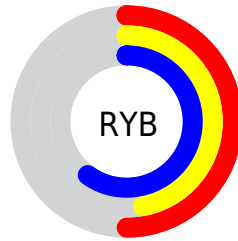
The Hex color **7F779A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **929A77**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B4ABD0**, and **4D4767** is the 20% darker color. If you saturate the color by 10%, you get **73689A**, and if you desaturate by 10%, it is **8B869A**.

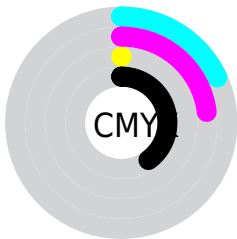
# Distribution



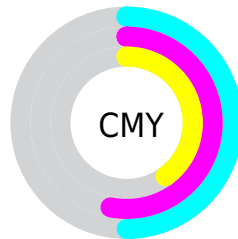
- Red (50%)
- Green (47%)
- Blue (60%)



- Red (50%)
- Yellow (47%)
- Blue (60%)



- Cyan (18%)
- Magenta (23%)
- Yellow (0%)
- Black (40%)



- Cyan (50%)
- Magenta (53%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F779A 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 7F779A by changing the saturation by 10% instead.





7F779A



7F779A

FFFFFF



665E80



B4ABD0



4D4767



D0C6ED



36304F



ECE2FF



201B38



0C0022



000009



000000



7F779A



7F779A



73689A



8B869A

67589A

97969A

5B499A

A3A59A

4F399A

AFB59A

442A9A

BAC49A

381B9A

C6D39A

2C0B9A

D2E39A

23009A

DEF29A

E AFF9A

# Harmonies

## Analogous

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



667D9F



7F779A



93728D

# Triad

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



7F779A



97755D



4F867C

# Complementary

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



7F779A



929A77

# 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.



61846A



7F779A



887B58

# Square

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



7F779A



9F706A



75805D



47858D

# Rectangle

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



7F779A



9B6F82



75805D



548575



# Sweetspot

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



7F779A



BFBBC9



77929A



605E66



E6E6E6



666666



# Same Dimension

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



7F779A



9F93C9



90779A



47454D



20008C



03000D



# Inverse Universe

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



9A7792



C993BD



819A77



4D454B



8C006C



0D000A



# Previews

## White Background



This preview shows how the Hex color 7F779A looks on a white background.

## Color Contrast Check

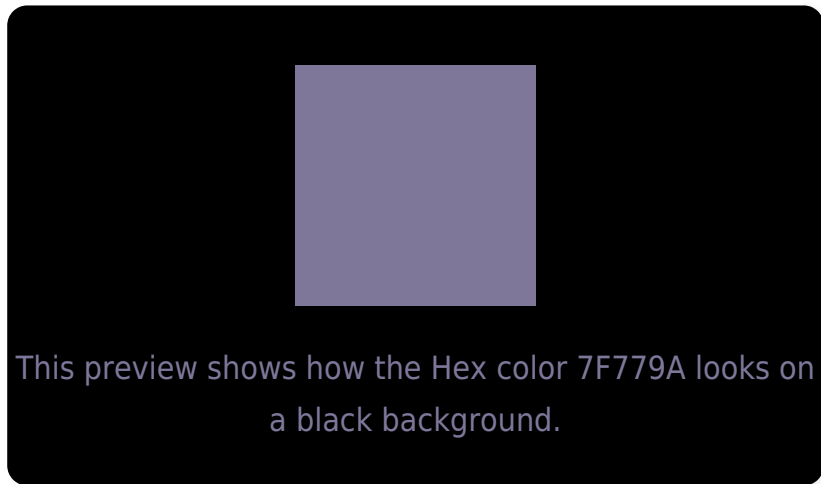
Large Text (above 18pt) WCAG AA ✓ Pass

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

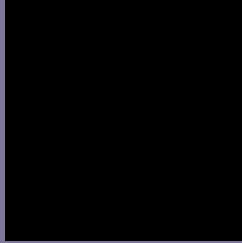
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7F779A Background



This preview shows how black text looks on a background with the Hex color 7F779A.



This preview shows how white text looks on a background with the Hex color 7F779A.

# 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



**Original Color**  
7F779A

**Protanopia**  
737A9C

**Deuteranopia**  
78799A



**Tritanopia**  
7B7B85

# Trichromacy



**Original Color**  
7F779A

**Protanomaly**  
77799B

**Deuteranomaly**  
7B789A

**Tritanomaly**  
7C7A8D

# Monochromacy



**Original Color**  
7F779A

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
7E7B88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F779A 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 #7F779A looks like.

```
.text, #text, p{  
    color:#7F779A  
}
```

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 #7F779A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F779A
}
```

## Border

The CSS property to change the border of an element to Hex 7F779A 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
#7F779A }
```

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

```
.border{ border-color:#7F779A }
```

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

Here you see how a box with a 4 pixel #7F779A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F779A; -webkit-box-shadow:4px 4px  
4px 4px #7F779A; box-shadow:4px 4px 4px  
4px #7F779A }
```

# Background

The CSS property to change the background color of an element to Hex 7F779A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F779A }
```

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

```
.background{ background-color:#7F779A }
```

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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