

# Converting Colors

Hex(76679E)

Have a look what the booklet for  
Hex(76679E) contains.

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# Color

**Hex(76679E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76679E
RGB	118, 103, 158
RGB Percent	46%, 40%, 62%
CMY	0.5373, 0.5961, 0.3804
CMYK	0.25, 0.35, 0.00, 0.38
HSL	256°, 22%, 51%
HSV	256°, 35%, 62%
XYZ	18.4930, 16.0207, 34.4654
YIQ	113.7550, -8.7150, 20.2850

# Conversions

## Conversions Part 2

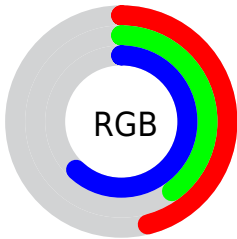
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 103, 158
Decimal	7759774
CIE <sub>Lab</sub>	47.00, 18.17, -27.68
CIE <sub>LCh</sub>	47, 33.111, 303.285
Yxy	16.0207, 0.2681, 0.2323
Android (android.graphics.Color)	4285949854 (0xFF76679E)
YUV	113.7550, 21.8128, 3.7229
Hunter-Lab	40.0258, 12.4266, -23.0352

# Details

The Hex color **76679E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8F9E67**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **AB9AD5**, and **44386A** is the 20% darker color. If you saturate the color by 10%, you get **6B579E**, and if you desaturate by 10%, it is **81779E**.

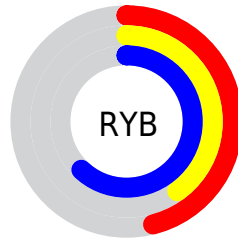
# Distribution



Red (46%)

Green (40%)

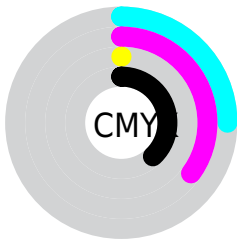
Blue (62%)



Red (46%)

Yellow (40%)

Blue (62%)

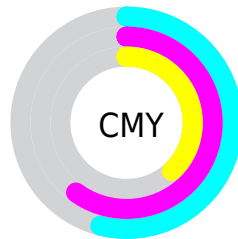


Cyan (25%)

Magenta (35%)

Yellow (0%)

Black (38%)



Cyan (54%)

Magenta (60%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76679E 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 76679E by changing the saturation by 10% instead.





76679E



76679E

FFFFFF



5D4F84



AB9AD5



44386A



C7B5F1



2C2252



E3D1FF



140E3B



FFEDFF



000025



00010D



000000



76679E



76679E



6B579E



81779E

■ 5F479E

■ 8D879E

■ 54389E

■ 98969E

■ 48289E

■ A4A69E

■ 3D189E

■ AFB69E

■ 31089E

■ BBC69E

■ 2B009E

■ C6D69E

■ D2E59E

■ DDF59E

# Harmonies

## Analogous

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



4871A7



76679E



955D89

# Triad

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



76679E



95653E



007E72

# Complementary

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



76679E



8F9E67

# 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.



3D7C55



76679E



7E6F37

# Square

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



76679E



A25C52



617740



007D8D

# Rectangle

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



76679E



A05977



617740



1B7D68



# Sweetspot

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



76679E



C0BACF



678F9E



5F5C69



E8E8E8



696969



# Same Dimension

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



76679E



8F78CF



91679E



49474F



27008F



04000F



# Inverse Universe

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



9E678F



CF78B7



749E67



4F474D



8F0068

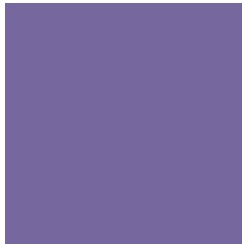


0F000B



# Previews

## White Background



This preview shows how the Hex color 76679E looks on a white background.

## Color Contrast Check

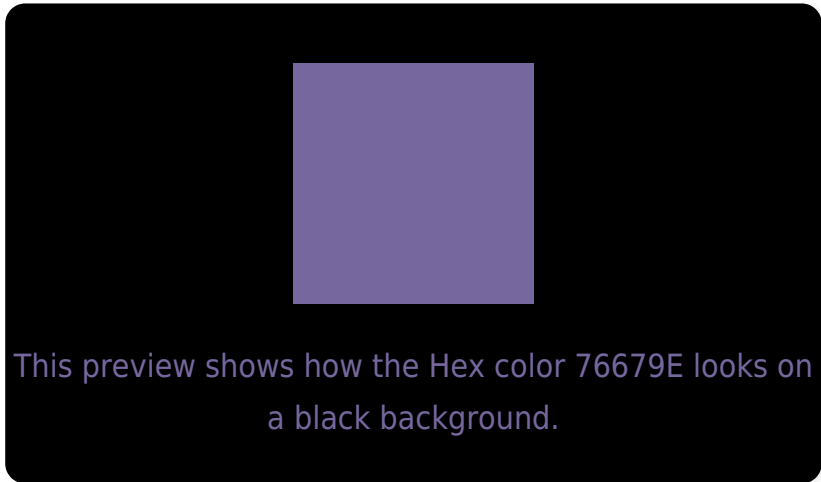
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

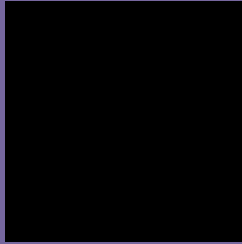
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 76679E Background



This preview shows how black text looks on a background with the Hex color 76679E.



This preview shows how white text looks on a background with the Hex color 76679E.

# 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**  
6F6F78

# Trichromacy



**Original Color**  
76679E

**Protanomaly**  
676BA1

**Deuteranomaly**  
686B9D

**Tritanomaly**  
726C86

# Monochromacy



**Original Color**  
76679E

**Achromatopsia**  
727272

**Achromatomaly**  
736E82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76679E 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 #76679E looks like.

```
.text, #text, p{  
    color:#76679E  
}
```

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 #76679E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76679E
}
```

## Border

The CSS property to change the border of an element to Hex 76679E is called "border". The border property can be set on classes, ids or directly on the HTML element.

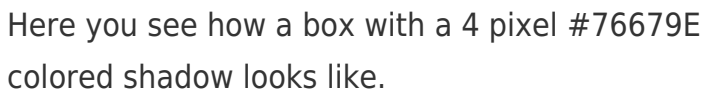
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76679E }
```

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

```
.border{ border-color:#76679E }
```

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



Here you see how a box with a 4 pixel #76679E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76679E; -webkit-box-shadow:4px 4px  
4px 4px #76679E; box-shadow:4px 4px 4px  
4px #76679E }
```

# Background

The CSS property to change the background color of an element to Hex 76679E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76679E }
```

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

```
.background{ background-color:#76679E }
```

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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