

# Converting Colors

Hex(78629C)

Have a look what the booklet for  
Hex(78629C) contains.

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# Color

Hex(78629C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	78629C
RGB	120, 98, 156
RGB Percent	47%, 38%, 61%
CMY	0.5294, 0.6157, 0.3882
CMYK	0.23, 0.37, 0.00, 0.39
HSL	263°, 23%, 50%
HSV	263°, 37%, 61%
XYZ	18.1142, 15.1287, 33.4179
YIQ	111.1900, -5.5060, 22.7020

# Conversions

## Conversions Part 2

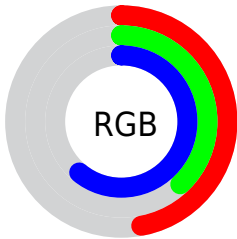
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	120, 98, 156
Decimal	7889564
CIE Lab	45.81, 21.32, -28.34
CIE LCh	46, 35.460, 306.949
Yxy	15.1287, 0.2717, 0.2270
Android (android.graphics.Color)	4286079644 (0xFF78629C)
YUV	111.1900, 22.0913, 7.7264
Hunter-Lab	38.8957, 15.0621, -23.7131

# Details

The Hex color **78629C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **869C62**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **AD95D3**, and **463368** is the 20% darker color. If you saturate the color by 10%, you get **6E529C**, and if you desaturate by 10%, it is **82729C**.

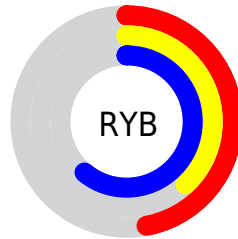
# Distribution



Red (47%)

Green (38%)

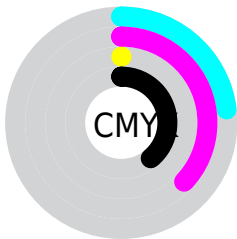
Blue (61%)



Red (47%)

Yellow (38%)

Blue (61%)

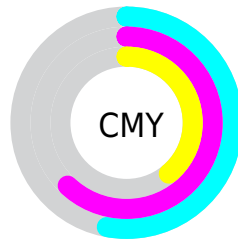


Cyan (23%)

Magenta (37%)

Yellow (0%)

Black (39%)



Cyan (53%)

Magenta (62%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78629C 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 78629C by changing the saturation by 10% instead.



■ 78629C

■ 78629C

FFFFFF

■ 5F4A82

■ AD95D3

■ 463368

■ C9B0EF

■ 2E1E50

■ E5CBFF

■ 170839

■ FFE7FF

■ 000023

■ 000009

■ 000000

■ 78629C

■ 78629C

■ 6E529C

■ 82729C

65439C

8B819C

5B339C

95919C

51249C

9FA09C

48149C

A8B09C

3E049C

B2C09C

3B009C

BCCF9C

C5DF9C

CFEE9C

# Harmonies

## Analogous

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



476DA7



78629C



975884

# Triad

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



78629C



916336



007C73

# Complementary

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



78629C



869C62

# 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.



2F7A54



78629C



786D30

# Square

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



78629C



A1584A



58753B



007A8F

# Rectangle

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



78629C



A15471



58753B



007B68



# Sweetspot

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



78629C



BEB6CC



62879C



5E5966



E6E6E6



666666



# Same Dimension

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



78629C



9370CC



94629C



4A474F



36008F



06000F



# Inverse Universe

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



9C6286



CC70A9



6A9C62



4F474C



8F0059

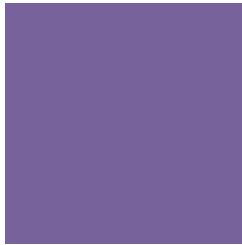


0F0009



# Previews

## White Background



This preview shows how the Hex color 78629C looks on a white background.

## Color Contrast Check

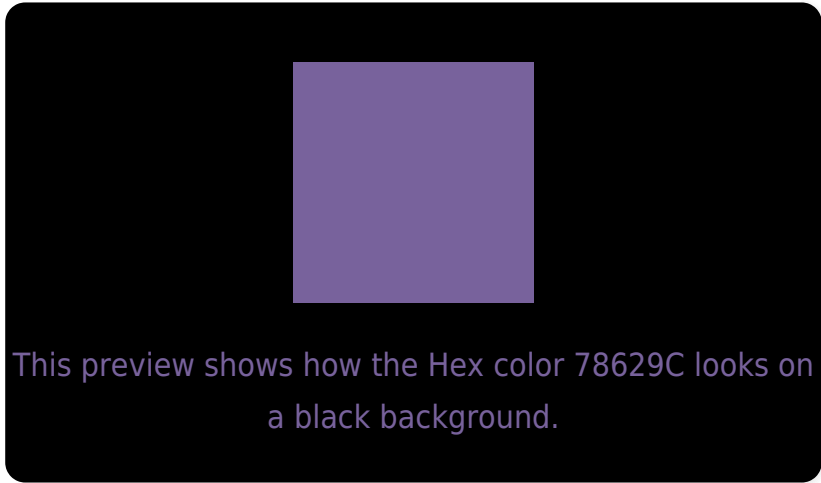
Large Text (above 18pt) WCAG AA ✓ Pass

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

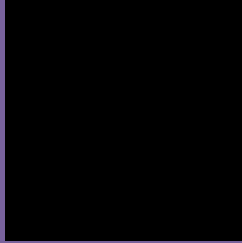
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 78629C Background



This preview shows how black text looks on a background with the Hex color 78629C.




This preview shows how white text looks on a background with the Hex color 78629C.

# 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**  
716B73

# Trichromacy



**Original Color**  
78629C

**Protanomaly**  
6468A0

**Deuteranomaly**  
66689B

**Tritanomaly**  
746882

# Monochromacy



**Original Color**  
78629C

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
726A7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78629C 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 #78629C looks like.

```
.text, #text, p{  
    color:#78629C  
}
```

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 #78629C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78629C  
}
```

## Border

The CSS property to change the border of an element to Hex 78629C 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  
#78629C }
```

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

```
.border{ border-color:#78629C }
```

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

Here you see how a box with a 4 pixel #78629C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78629C; -webkit-box-shadow:4px 4px  
4px 4px #78629C; box-shadow:4px 4px 4px  
4px #78629C }
```

# Background

The CSS property to change the background color of an element to Hex 78629C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78629C }
```

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

```
.background{ background-color:#78629C }
```

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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