

# Converting Colors

Hex(70479E)

Have a look what the booklet for  
Hex(70479E) contains.

<b>Hex(70479E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(70479E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70479E
RGB	112, 71, 158
RGB Percent	44%, 28%, 62%
CMY	0.5608, 0.7216, 0.3804
CMYK	0.29, 0.55, 0.00, 0.38
HSL	268°, 38%, 45%
HSV	268°, 55%, 62%
XYZ	15.1069, 10.4198, 33.5628
YIQ	93.1770, -3.4910, 35.7490

# Conversions

## Conversions Part 2

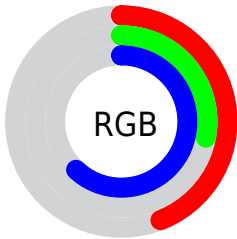
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">112, 71, 158</a>
Decimal	<a href="#">7358366</a>
CIELab	<a href="#">38.59, 35.56, -40.99</a>
CIElCh	<a href="#">39, 54.264, 310.942</a>
Yxy	<a href="#">10.4198, 0.2557, 0.1763</a>
Android (android.graphics.Color)	<a href="#">4285548446 (0xFF70479E)</a>
YUV	<a href="#">93.1770, 31.9577, 16.5078</a>
Hunter-Lab	<a href="#">32.2798, 27.0481, -39.0507</a>

# Details

The Hex color **70479E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **759E47**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **A679D5**, and **3C186A** is the 20% darker color. If you saturate the color by 10%, you get **68379E**, and if you desaturate by 10%, it is **78579E**.

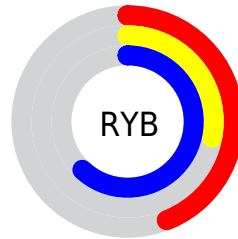
# Distribution



Red (44%)

Green (28%)

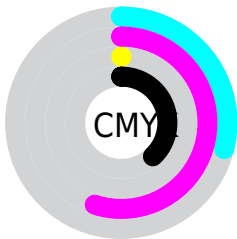
Blue (62%)



Red (44%)

Yellow (28%)

Blue (62%)

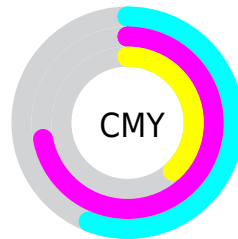


Cyan (29%)

Magenta (55%)

Yellow (0%)

Black (38%)



Cyan (56%)

Magenta (72%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70479E 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 70479E by changing the saturation by 10% instead.



 70479E

 70479E

FFFFFF

 562F84

 A679D5

 3C186A

 C293F2

 220151

 DFAEFF

 0C003A

 FCCAFF

 000223

 FFE6FF

 00000A

 000000

 70479E

 70479E

 68379E

 78579E

■ 5F279E

■ 81679E

■ 57189E

■ 89769E

■ 4F089E

■ 91869E

■ 4A009E

■ 9A969E

■ A2A69E

■ AAB69E

■ B3C59E

■ BBD59E

# Harmonies

## Analogous

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



005BB2



70479E



9A3079

# Triad

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



70479E



854E00



006F6A

# Complementary

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



70479E



759E47

# 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.



006D3C



70479E



605E00

# Square

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



70479E



9F3923



2D680C



006D94

# Rectangle

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



70479E



A6285B



2D680C



006E5B



# Sweetspot

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



70479E



BCABCF



47759E



5D5469



E8E8E8



696969



# Same Dimension

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



70479E



8646CF



9B479E



4B474F



43008F



07000F



# Inverse Universe

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



9E4775



CF468E



4A9E47



4F474B



8F004C

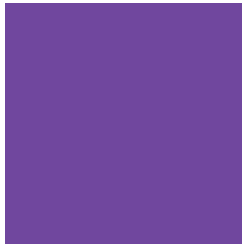


0F0008



# Previews

## White Background



This preview shows how the Hex color 70479E looks on a white background.

## Color Contrast Check

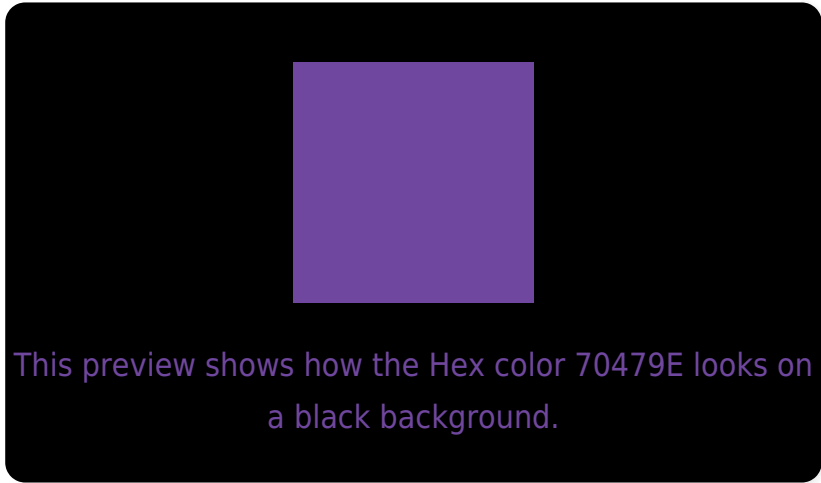
Large Text (above 18pt) WCAG AA ✓ Pass

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

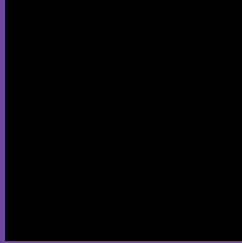
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 70479E Background



This preview shows how black text looks on a background with the Hex color 70479E.

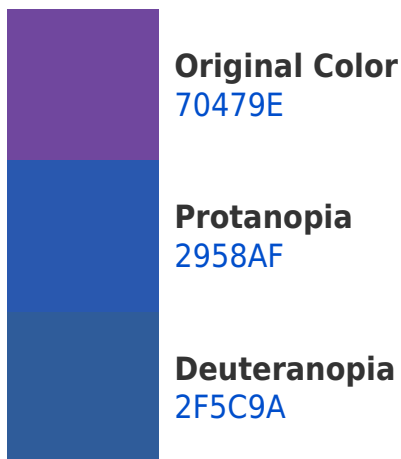


This preview shows how white text looks on a background with the Hex color 70479E.

# 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**  
64585E

# Trichromacy



**Original Color**  
70479E

**Protanomaly**  
4352A9

**Deuteranomaly**  
47549B

**Tritanomaly**  
685275

# Monochromacy



**Original Color**  
70479E

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
645575

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70479E 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 #70479E looks like.

```
.text, #text, p{  
    color:#70479E  
}
```

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 #70479E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70479E
}
```

## Border

The CSS property to change the border of an element to Hex 70479E is called "border". The border property can be set on classes, ids or directly on the HTML element.

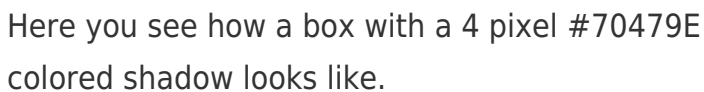
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70479E }
```

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

```
.border{ border-color:#70479E }
```

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



Here you see how a box with a 4 pixel #70479E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70479E; -webkit-box-shadow:4px 4px  
4px 4px #70479E; box-shadow:4px 4px 4px  
4px #70479E }
```

# Background

The CSS property to change the background color of an element to Hex 70479E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70479E }
```

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

```
.background{ background-color:#70479E }
```

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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