

Converting Colors

Hex(76439E)

Have a look what the booklet for
Hex(76439E) contains.

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Color

Hex(76439E)

Conversions

Conversions Part 1

Format	Color
Hex	76439E
RGB	118, 67, 158
RGB Percent	46%, 26%, 62%
CMY	0.5373, 0.7373, 0.3804
CMYK	0.25, 0.58, 0.00, 0.38
HSL	274°, 40%, 44%
HSV	274°, 58%, 62%
XYZ	15.6499, 10.3345, 33.5177
YIQ	92.6230, 1.1850, 39.1130

Conversions

Conversions Part 2

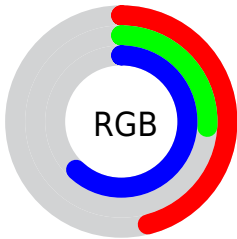
Format	Color
R_{YB}	118, 67, 158
Decimal	7750558
CIE _{Lab}	38.44, 39.41, -41.19
CIE _{LCh}	38, 57.004, 313.738
Yxy	10.3345, 0.2630, 0.1737
Android (android.graphics.Color)	4285940638 (0xFF76439E)
YUV	92.6230, 32.2309, 22.2556
Hunter-Lab	32.1473, 30.6395, -39.3143

Details

The Hex color **76439E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6B9E43**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **AD75D5**, and **42126A** is the 20% darker color. If you saturate the color by 10%, you get **6F339E**, and if you desaturate by 10%, it is **7D539E**.

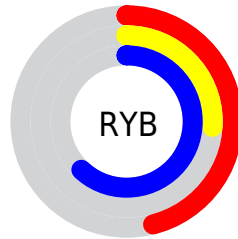
Distribution



Red (46%)

Green (26%)

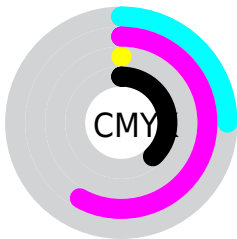
Blue (62%)



Red (46%)

Yellow (26%)

Blue (62%)

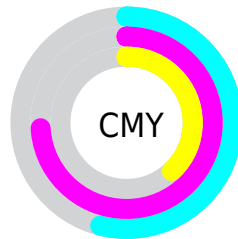


Cyan (25%)

Magenta (58%)

Yellow (0%)

Black (38%)



Cyan (54%)

Magenta (74%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76439E 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 76439E by changing the saturation by 10% instead.

76439E

76439E

FFFFFF

5C2B84

AD75D5

42126A

C98FF2

280051

E5AAFF

12003A

FFC6FF

000223

FFE2FF

00000A

000000

76439E

76439E

6F339E

7D539E

68239E

84639E

61149E

8B729E

5A049E

92829E

59009E

99929E

A0A29E

A7B29E

AEC19E

B5D19E

Harmonies

Analogous

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



0059B5



76439E



9F2A76

Triad

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



76439E



824F00



006F6F

Complementary

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



76439E



6B9E43

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.



006D3F



76439E



5B5F00

Square

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



76439E



9F381B



20690A



006D9A

Rectangle

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



76439E



AA2157



20690A



006F5F

Sweetspot

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



76439E



BFABCF



436C9E



5F5469



E8E8E8



696969

Same Dimension

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



76439E



9040CF



9E4399



4C474F



50008F



09000F

Inverse Universe

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



9E436B



CF407F



439E48



4F474B



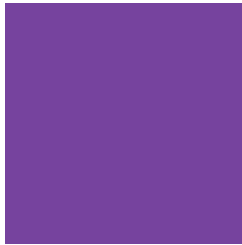
8F003F



0F0007

Previews

White Background



This preview shows how the Hex color 76439E looks on a white background.

Color Contrast Check

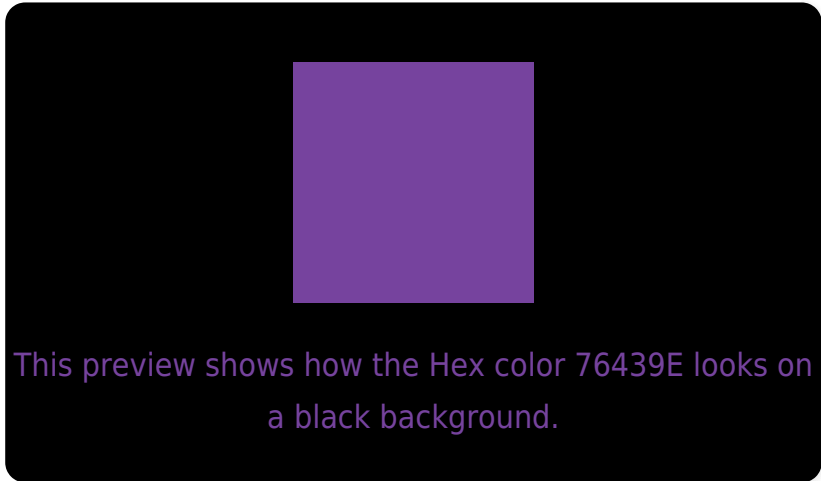
Large Text (above 18pt) WCAG AA ✓ Pass

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

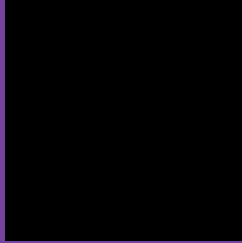
Any Text WCAG AA × Fail

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 76439E Background



This preview shows how black text looks on a background with the Hex color 76439E.

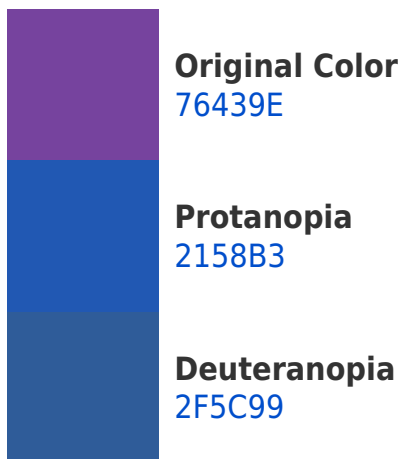


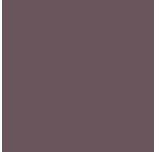
This preview shows how white text looks on a background with the Hex color 76439E.

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](#).

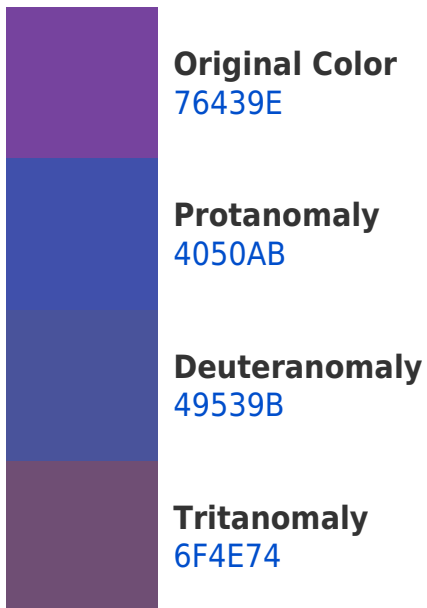
Dichromacy



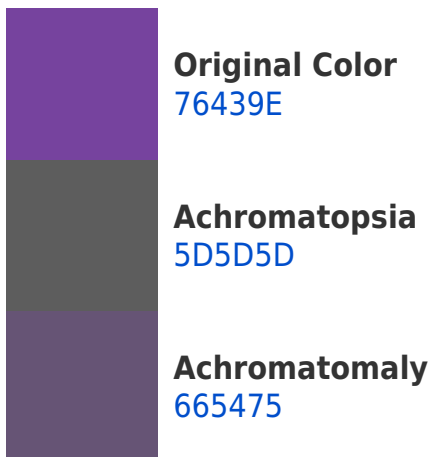


Tritanopia
6B555C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76439E 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 #76439E looks like.

```
.text, #text, p{  
    color:#76439E  
}
```

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 #76439E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76439E
}
```

Border

The CSS property to change the border of an element to Hex 76439E is called "border". The border property can be set on classes, ids or directly on the HTML element.

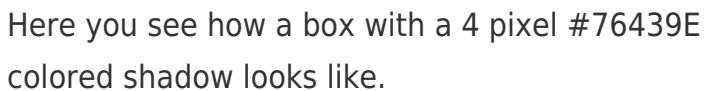
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76439E }
```

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

```
.border{ border-color:#76439E }
```

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



Here you see how a box with a 4 pixel #76439E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76439E; -webkit-box-shadow:4px 4px  
4px 4px #76439E; box-shadow:4px 4px 4px  
4px #76439E }
```

Background

The CSS property to change the background color of an element to Hex 76439E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76439E }
```

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

```
.background{ background-color:#76439E }
```

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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