

Converting Colors

Hex(6D439C)

Have a look what the booklet for
Hex(6D439C) contains.

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Color

Hex(6D439C)

Conversions

Conversions Part 1

Format	Color
Hex	6D439C
RGB	109, 67, 156
RGB Percent	43%, 26%, 61%
CMY	0.5725, 0.7373, 0.3882
CMYK	0.30, 0.57, 0.00, 0.39
HSL	268°, 40%, 44%
HSV	268°, 57%, 61%
XYZ	14.3146, 9.6658, 32.5637
YIQ	89.7040, -3.5370, 36.5830

Conversions

Conversions Part 2

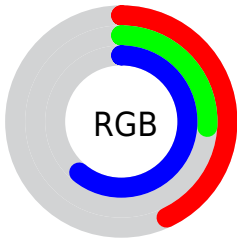
Format	Color
R _Y B	109, 67, 156
Decimal	7160732
CIE Lab	37.24, 36.56, -41.96
CIE LCh	37, 55.653, 311.062
Yxy	9.6658, 0.2532, 0.1709
Android (android.graphics.Color)	4285350812 (0xFF6D439C)
YUV	89.7040, 32.6839, 16.9226
Hunter-Lab	31.0899, 27.7786, -40.3377

Details

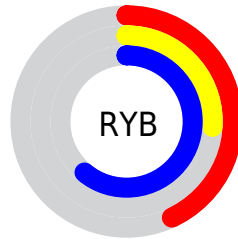
The Hex color **6D439C** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **729C43**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A375D3**, and **391468** is the 20% darker color. If you saturate the color by 10%, you get **65339C**, and if you desaturate by 10%, it is **75539C**.

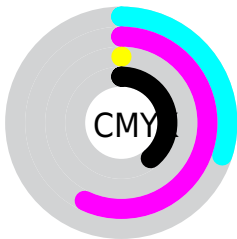
Distribution



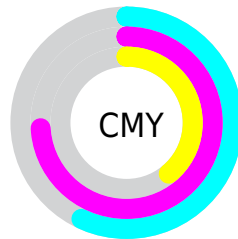
- Red (43%)
- Green (26%)
- Blue (61%)



- Red (43%)
- Yellow (26%)
- Blue (61%)



- Cyan (30%)
- Magenta (57%)
- Yellow (0%)
- Black (39%)



- Cyan (57%)
- Magenta (74%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D439C 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 6D439C by changing the saturation by 10% instead.

 6D439C

 6D439C

FFFFFF

 532B82

 A375D3

 391468

 BF8FF0

 1E004F

 DCAAFF

 030038

 F9C5FF

 000221

 FFE1FF

 000007

FFFEFF

 000000

 6D439C

 6D439C

 65339C

 75539C

■ 5D249C

■ 7D629C

■ 54149C

■ 86729C

■ 4C059C

■ 8E819C

■ 4A009C

■ 96919C

■ 9EA19C

■ A7B09C

■ AFC09C

■ B7CF9C

Harmonies

Analogous

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



0058B1



6D439C



982A76

Triad

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



6D439C



814B00



006B68

Complementary

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



6D439C



729C43

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.



006A39



6D439C



5C5B00

Square

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



6D439C



9C341E



276504



006A92

Rectangle

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



6D439C



A42058



276504



006B58

Sweetspot

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



6D439C



BAA9CC



43729C



5B5266



E6E6E6



666666

Same Dimension

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



6D439C



8341CC



99439C



4B474F



43008F



07000F

Inverse Universe

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



9C4372



CC418B



469C43



4F474B



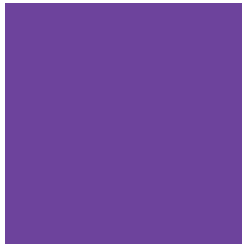
8F004B



0F0008

Previews

White Background



This preview shows how the Hex color 6D439C looks on a white background.

Color Contrast Check

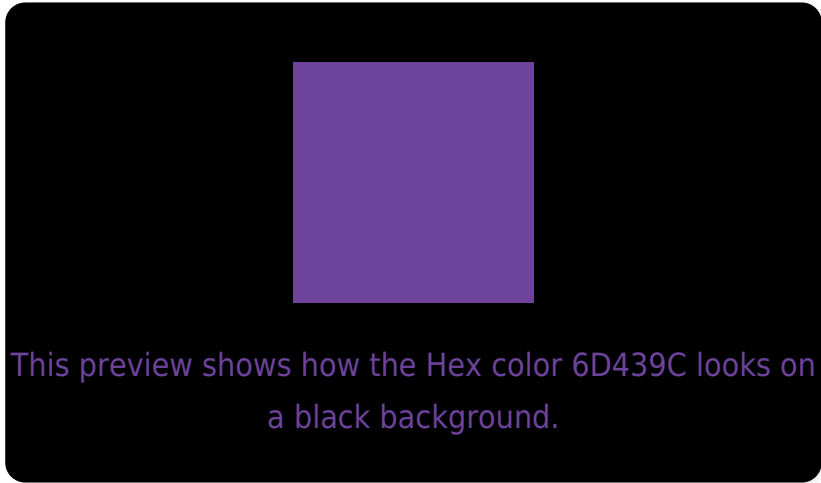
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

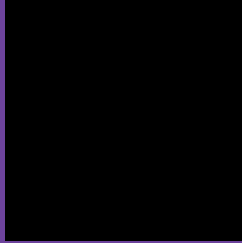
Any Text WCAG AA × Fail

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 6D439C Background



This preview shows how black text looks on a background with the Hex color 6D439C.

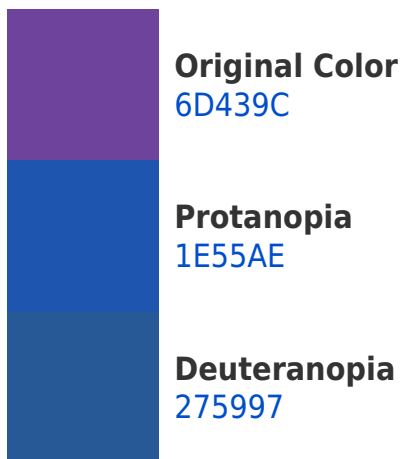


This preview shows how white text looks on a background with the Hex color 6D439C.

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
61545B

Trichromacy



Original Color
6D439C

Protanomaly
3B4EA7

Deuteranomaly
405199

Tritanomaly
654E73

Monochromacy



Original Color
6D439C

Achromatopsia
5A5A5A

Achromatomaly
615272

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D439C 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 #6D439C looks like.

```
.text, #text, p{  
    color:#6D439C  
}
```

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 #6D439C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D439C
}
```

Border

The CSS property to change the border of an element to Hex 6D439C is called "border". The border property can be set on classes, ids or directly on the HTML element.

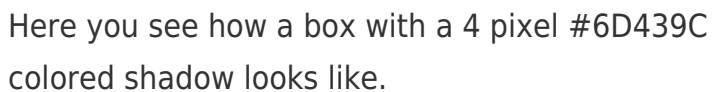
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D439C }
```

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

```
.border{ border-color:#6D439C }
```

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



Here you see how a box with a 4 pixel #6D439C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D439C; -webkit-box-shadow:4px 4px  
4px 4px #6D439C; box-shadow:4px 4px 4px  
4px #6D439C }
```

Background

The CSS property to change the background color of an element to Hex 6D439C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D439C }
```

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

```
.background{ background-color:#6D439C }
```

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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