

# Converting Colors

Hex(6A449D)

Have a look what the booklet for  
Hex(6A449D) contains.

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# Color

**Hex(6A449D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A449D
RGB	106, 68, 157
RGB Percent	42%, 27%, 62%
CMY	0.5843, 0.7333, 0.3843
CMYK	0.32, 0.57, 0.00, 0.38
HSL	266°, 40%, 44%
HSV	266°, 57%, 62%
XYZ	14.0968, 9.6327, 33.0146
YIQ	89.5080, -5.9210, 35.7350

# Conversions

## Conversions Part 2

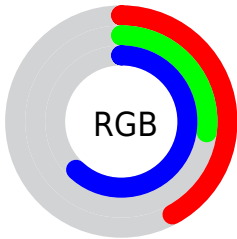
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 68, 157
Decimal	6964381
CIE <sub>Lab</sub>	37.18, 35.46, -42.68
CIE <sub>LCh</sub>	37, 55.492, 309.722
Yxy	9.6327, 0.2484, 0.1698
Android (android.graphics.Color)	4285154461 (0xFF6A449D)
YUV	89.5080, 33.2736, 14.4635
Hunter-Lab	31.0367, 26.7602, -41.3429

# Details

The Hex color **6A449D** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **779D44**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A076D4**, and **361569** is the 20% darker color. If you saturate the color by 10%, you get **61349D**, and if you desaturate by 10%, it is **73549D**.

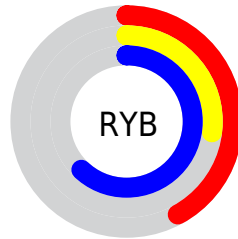
# Distribution



Red (42%)

Green (27%)

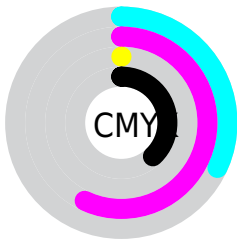
Blue (62%)



Red (42%)

Yellow (27%)

Blue (62%)

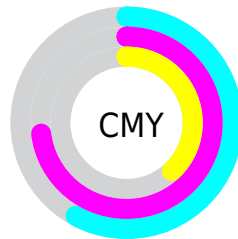


Cyan (32%)

Magenta (57%)

Yellow (0%)

Black (38%)



Cyan (58%)

Magenta (73%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A449D 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 6A449D by changing the saturation by 10% instead.



6A449D

6A449D

FFFFFF

502C83

A076D4

361569

BC90F1

1A0050

D9AAFF

000039

F6C6FF

000222

FFE2FF

000008

000000

6A449D

6A449D

61349D

73549D

■ 58259D

■ 7C639D

■ 4F159D

■ 85739D

■ 46059D

■ 8E839D

■ 43009D

■ 97939D

■ A0A29D

■ A9B29D

■ B2C29D

■ BBD19D

# Harmonies

## Analogous

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



0058B1



6A449D



972B77

# Triad

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



6A449D



834A00



006B65

# Complementary

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



6A449D



779D44

# 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.



006936



6A449D



5D5A00

# Square

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



6A449D



9D3320



2A6401



006A90

# Rectangle

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



6A449D



A3215A



2A6401



006B56



# Sweetspot

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



6A449D



B8A9CC



44789D



5A5266



E6E6E6



666666



# Same Dimension

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



6A449D



7D41CC



96449D



4B474F



3D008F



07000F



# Inverse Universe

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



9D4477



CC4191



4B9D44



4F474C



8F0052

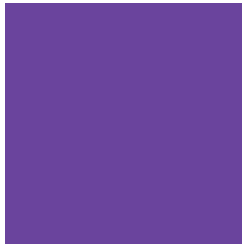


0F0009



# Previews

## White Background



This preview shows how the Hex color 6A449D looks on a white background.

## Color Contrast Check

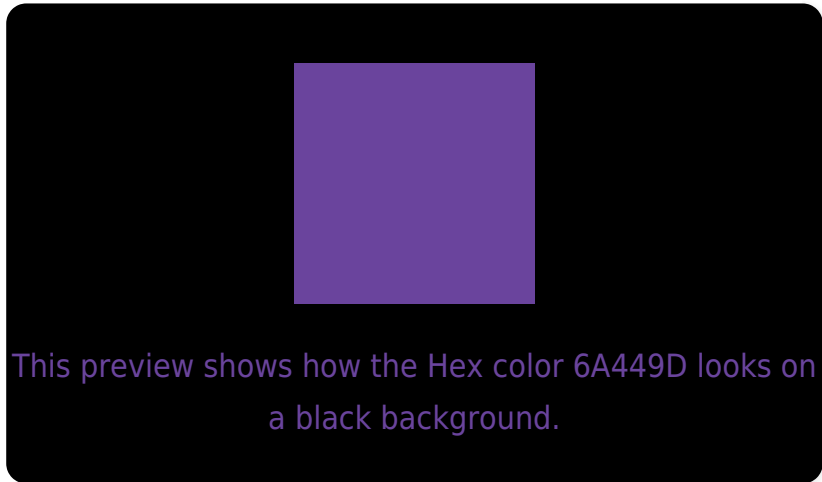
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A449D Background



This preview shows how black text looks on a background with the Hex color 6A449D.

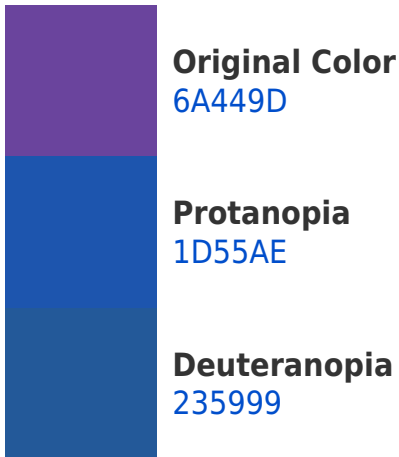


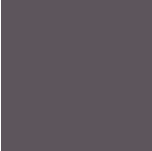
This preview shows how white text looks on a background with the Hex color 6A449D.

# 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**  
5D555C

# Trichromacy



**Original Color**  
6A449D

**Protanomaly**  
394FA8

**Deuteranomaly**  
3D519A

**Tritanomaly**  
624F74

# Monochromacy



**Original Color**  
6A449D

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
605272

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A449D 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 #6A449D looks like.

```
.text, #text, p{  
    color:#6A449D  
}
```

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 #6A449D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A449D
}
```

## Border

The CSS property to change the border of an element to Hex 6A449D is called "border". The border property can be set on classes, ids or directly on the HTML element.

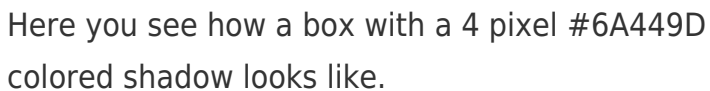
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A449D }
```

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

```
.border{ border-color:#6A449D }
```

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



Here you see how a box with a 4 pixel #6A449D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A449D; -webkit-box-shadow:4px 4px  
4px 4px #6A449D; box-shadow:4px 4px 4px  
4px #6A449D }
```

# Background

The CSS property to change the background color of an element to Hex 6A449D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A449D }
```

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

```
.background{ background-color:#6A449D }
```

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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