

# Converting Colors

Hex(6E449D)

Have a look what the booklet for  
Hex(6E449D) contains.

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# Color

**Hex(6E449D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E449D
RGB	110, 68, 157
RGB Percent	43%, 27%, 62%
CMY	0.5686, 0.7333, 0.3843
CMYK	0.30, 0.57, 0.00, 0.38
HSL	268°, 40%, 44%
HSV	268°, 57%, 62%
XYZ	14.5833, 9.8836, 33.0374
YIQ	90.7040, -3.5370, 36.5830

# Conversions

## Conversions Part 2

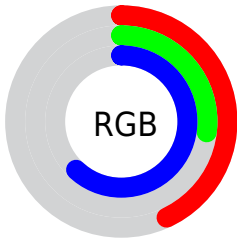
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 68, 157
Decimal	7226525
CIE <sub>Lab</sub>	37.63, 36.50, -41.92
CIE <sub>LCh</sub>	38, 55.587, 311.045
Yxy	9.8836, 0.2536, 0.1719
Android (android.graphics.Color)	4285416605 (0xFF6E449D)
YUV	90.7040, 32.6839, 16.9226
Hunter-Lab	31.4381, 27.7848, -40.2994

# Details

The Hex color **6E449D** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **739D44**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A476D4**, and **3A1569** is the 20% darker color. If you saturate the color by 10%, you get **66349D**, and if you desaturate by 10%, it is **76549D**.

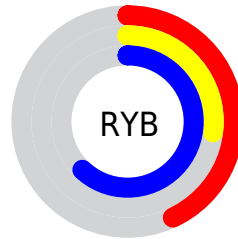
# Distribution



Red (43%)

Green (27%)

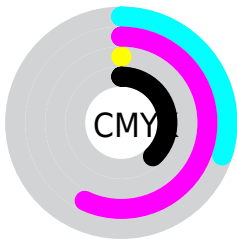
Blue (62%)



Red (43%)

Yellow (27%)

Blue (62%)

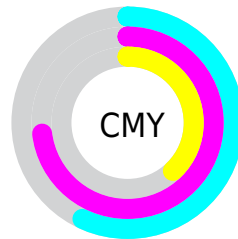


Cyan (30%)

Magenta (57%)

Yellow (0%)

Black (38%)



Cyan (57%)

Magenta (73%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E449D 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 6E449D by changing the saturation by 10% instead.



6E449D

6E449D

FFFFFF

542C83

A476D4

3A1569

C090F1

1F0050

DDABFF

060039

FAC6FF

000222

FFE3FF

000008

000000

6E449D

6E449D

66349D

76549D

■ 5D259D

■ 7F639D

■ 55159D

■ 87739D

■ 4D059D

■ 8F839D

■ 4A009D

■ 97939D

■ A0A29D

■ A8B29D

■ B0C29D

■ B9D19D

# Harmonies

## Analogous

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



0059B2



6E449D



992C77

# Triad

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



6E449D



834C00



006C69

# Complementary

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



6E449D



739D44

# 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.



006B39



6E449D



5D5C00

# Square

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



6E449D



9D361F



286605



006B93

# Rectangle

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



6E449D



A52259



286605



006C59



# Sweetspot

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



6E449D



BAA9CC



44739D



5B5266



E6E6E6



666666



# Same Dimension

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



6E449D



8341CC



9A449D



4B474F



43008F



07000F



# Inverse Universe

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



9D4473



CC418B



479D44



4F474B



8F004B



0F0008



# Previews

## White Background



This preview shows how the Hex color 6E449D looks on a white background.

## Color Contrast Check

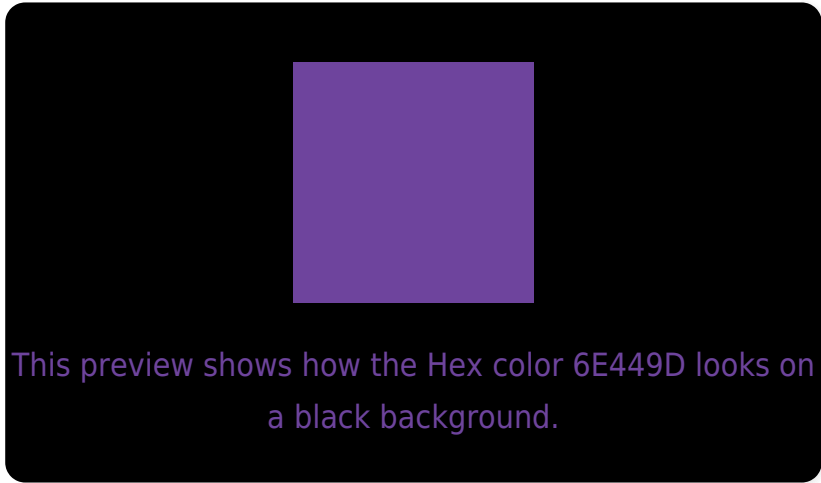
Large Text (above 18pt) WCAG AA ✓ Pass

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

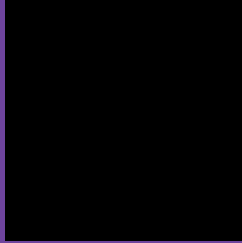
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E449D Background



This preview shows how black text looks on a background with the Hex color 6E449D.

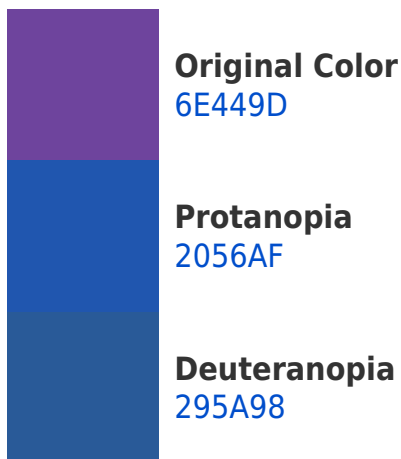



This preview shows how white text looks on a background with the Hex color 6E449D.

# 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](#).

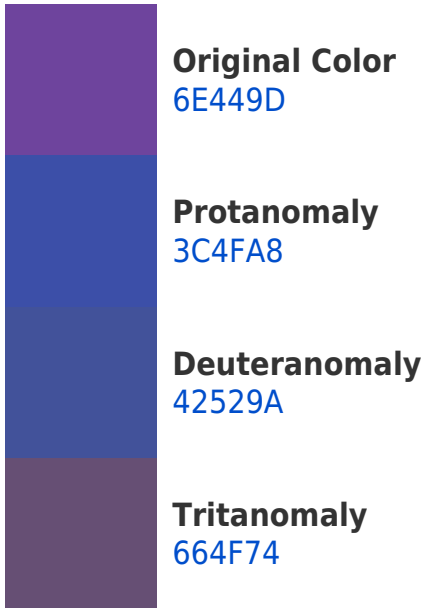
## Dichromacy



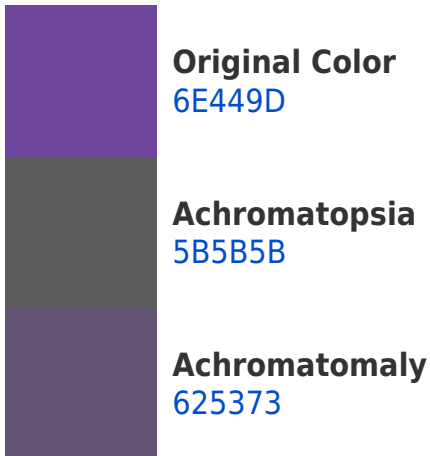


**Tritanopia**  
62555C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E449D 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 #6E449D looks like.

```
.text, #text, p{  
    color:#6E449D  
}
```

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 #6E449D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E449D
}
```

## Border

The CSS property to change the border of an element to Hex 6E449D is called "border". The border property can be set on classes, ids or directly on the HTML element.

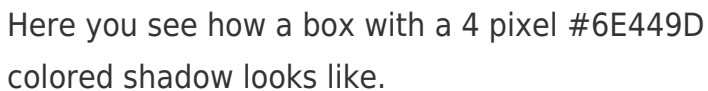
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E449D }
```

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

```
.border{ border-color:#6E449D }
```

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



Here you see how a box with a 4 pixel #6E449D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E449D; -webkit-box-shadow:4px 4px  
4px 4px #6E449D; box-shadow:4px 4px 4px  
4px #6E449D }
```

# Background

The CSS property to change the background color of an element to Hex 6E449D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E449D }
```

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

```
.background{ background-color:#6E449D }
```

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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