

# Converting Colors

Hex(6E2992)

Have a look what the booklet for  
Hex(6E2992) contains.

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# Color

**Hex(6E2992)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E2992
RGB	110, 41, 146
RGB Percent	43%, 16%, 57%
CMY	0.5686, 0.8392, 0.4275
CMYK	0.25, 0.72, 0.00, 0.43
HSL	279°, 56%, 37%
HSV	279°, 72%, 57%
XYZ	12.4117, 6.9762, 27.8865
YIQ	73.6010, 7.4190, 47.2830

# Conversions

## Conversions Part 2

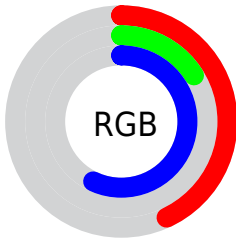
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	110, 41, 146
Decimal	7219602
CIE Lab	31.75, 47.84, -44.68
CIE LCh	32, 65.458, 316.956
Yxy	6.9762, 0.2625, 0.1476
Android (android.graphics.Color)	4285409682 (0xFF6E2992)
YUV	73.6010, 35.6927, 31.9219
Hunter-Lab	26.4125, 37.6582, -44.1101

# Details

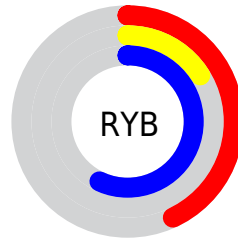
The Hex color **6E2992** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4D9229**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **A55DC9**, and **39005E** is the 20% darker color. If you saturate the color by 10%, you get **691A92**, and if you desaturate by 10%, it is **733892**.

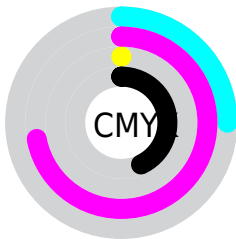
# Distribution



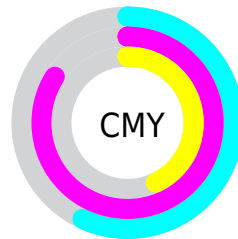
- Red (43%)
- Green (16%)
- Blue (57%)



- Red (43%)
- Yellow (16%)
- Blue (57%)



- Cyan (25%)
- Magenta (72%)
- Yellow (0%)
- Black (43%)



- Cyan (57%)
- Magenta (84%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E2992 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 6E2992 by changing the saturation by 10% instead.



6E2992

6E2992

FFFFFF

530B78

A55DC9

39005E

C177E5

210046

DE91FF

00002F

FBADFF

000119

FFC9FF

000000

FFE5FF

6E2992

6E2992

691A92

733892

640C92

784692

600092

7D5592

826392

877292

8C8192

918F92

969E92

9BAC92

# Harmonies

## Analogous

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



0048AF



6E2992



980063

# Triad

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



6E2992



6E4000



005F68

# Complementary

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



6E2992



4D9229

# 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.



005E32



6E2992



415100

# Square

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



6E2992



902100



005A00



005E96

# Rectangle

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



6E2992



A10041



005A00



005F56



# Sweetspot

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



6E2992



AE93BD



294E92



56465E



DEDEDE



5E5E5E



# Same Dimension

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



6E2992



851ABD



922982



47434A



5A008A



07000A



# Inverse Universe

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



92294D



BD1A52



299239



4A4345



8A002F

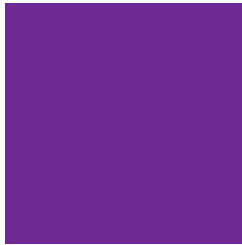


0A0003



# Previews

## White Background



This preview shows how the Hex color 6E2992 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

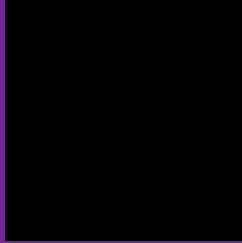
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E2992 Background



This preview shows how black text looks on a background with the Hex color 6E2992.



This preview shows how white text looks on a background with the Hex color 6E2992.

# 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



**Original Color**  
6E2992

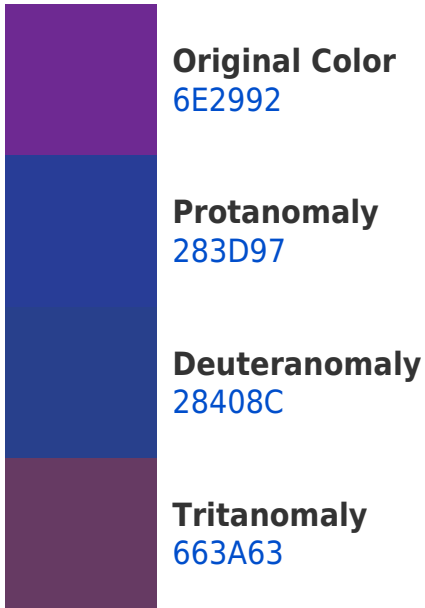
**Protanopia**  
00499A

**Deuteranopia**  
004D88

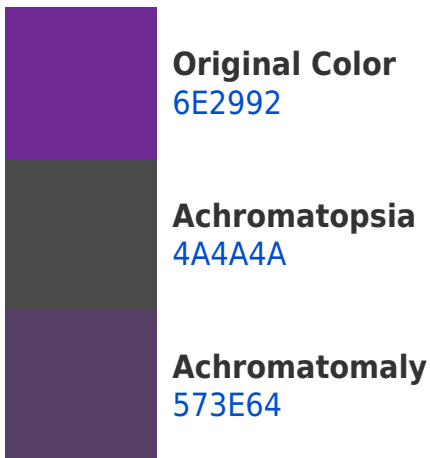


**Tritanopia**  
624348

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E2992 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 #6E2992 looks like.

```
.text, #text, p{  
    color:#6E2992  
}
```

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 #6E2992 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E2992
}
```

## Border

The CSS property to change the border of an element to Hex 6E2992 is called "border". The border property can be set on classes, ids or directly on the HTML element.

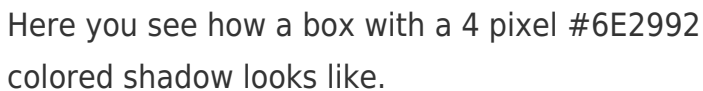
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E2992 }
```

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

```
.border{ border-color:#6E2992 }
```

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



Here you see how a box with a 4 pixel #6E2992 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E2992; -webkit-box-shadow:4px 4px  
4px 4px #6E2992; box-shadow:4px 4px 4px  
4px #6E2992 }
```

# Background

The CSS property to change the background color of an element to Hex 6E2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E2992 }
```

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

```
.background{ background-color:#6E2992 }
```

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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