

# Converting Colors

Hex(6E2C72)

Have a look what the booklet for  
Hex(6E2C72) contains.

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# Color

**Hex(6E2C72)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E2C72
RGB	110, 44, 114
RGB Percent	43%, 17%, 45%
CMY	0.5686, 0.8275, 0.5529
CMYK	0.04, 0.61, 0.00, 0.55
HSL	297°, 44%, 31%
HSV	297°, 61%, 45%
XYZ	10.3684, 6.3313, 16.5952
YIQ	71.7140, 16.8660, 35.7620

# Conversions

## Conversions Part 2

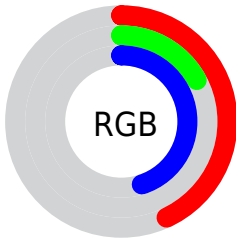
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 44, 114
Decimal	7220338
CIE <sub>Lab</sub>	30.23, 39.62, -27.12
CIE <sub>LCh</sub>	30, 48.017, 325.611
Yxy	6.3313, 0.3114, 0.1902
Android (android.graphics.Color)	4285410418 (0xFF6E2C72)
YUV	71.7140, 20.8470, 33.5768
Hunter-Lab	25.1620, 29.5199, -21.4903

# Details

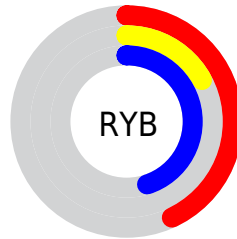
The Hex color **6E2C72** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **30722C**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **A45EA6**, and **3B0041** is the 20% darker color. If you saturate the color by 10%, you get **6D2172**, and if you desaturate by 10%, it is **6F3772**.

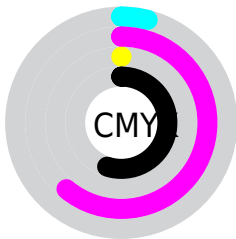
# Distribution



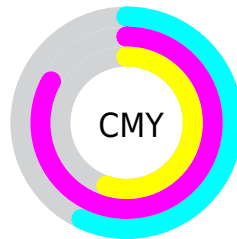
- Red (43%)
- Green (17%)
- Blue (45%)



- Red (43%)
- Yellow (17%)
- Blue (45%)



- Cyan (4%)
- Magenta (61%)
- Yellow (0%)
- Black (55%)



- Cyan (57%)
- Magenta (83%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E2C72 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 6E2C72 by changing the saturation by 10% instead.



6E2C72

6E2C72

FFFFFF

541259

A45EA6

3B0041

BF78C2

27002B

DC92DE

000115

F9ADFA

000000

FFC9FF

FFE6FF

6E2C72

6E2C72

6D2172

6F3772

6D1572

6F4372

6C0A72

704E72

6B0072

715A72

716572

727072

737C72

738772

749372

# Harmonies

## Analogous

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



37408B



6E2C72



851B4E

# Triad

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



6E2C72



5C4400



005867

# Complementary

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



6E2C72



30722C

# 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.



005740



6E2C72



384E00

# Square

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



6E2C72



773304



005419



005585

# Rectangle

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



6E2C72



881C35



005419



00585A



# Sweetspot

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



6E2C72



927994



2C3172



493A4A



C9C9C9



4A4A4A



# Same Dimension

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



6E2C72



8E2694



722C54



383238



710078



E900F7



# Inverse Universe

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



722C30



94262D



2C724A



383233



780007



F7000E



# Previews

## White Background



This preview shows how the Hex color 6E2C72 looks on a white background.

## Color Contrast Check

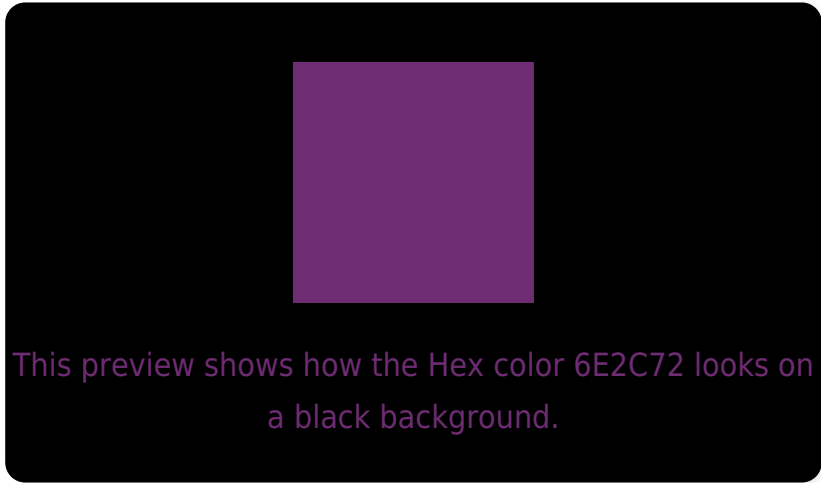
Large Text (above 18pt) WCAG AA ✓ Pass

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

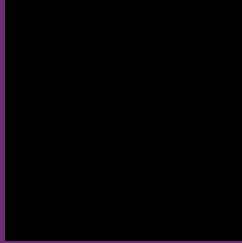
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E2C72 Background



This preview shows how black text looks on a background with the Hex color 6E2C72.



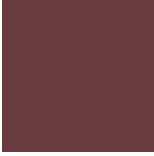
This preview shows how white text looks on a background with the Hex color 6E2C72.

# 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**  
683B3F

# Trichromacy



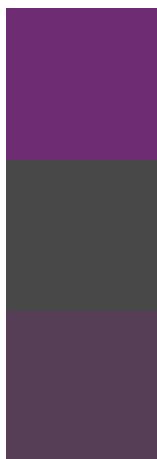
**Original Color**  
6E2C72

**Protanomaly**  
3D3D81

**Deuteranomaly**  
4A3E6F

**Tritanomaly**  
6A3652

# Monochromacy



**Original Color**  
6E2C72

**Achromatopsia**  
484848

**Achromatomaly**  
563E57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E2C72 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 #6E2C72 looks like.

```
.text, #text, p{  
    color:#6E2C72  
}
```

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 #6E2C72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E2C72
}
```

## Border

The CSS property to change the border of an element to Hex 6E2C72 is called "border". The border property can be set on classes, ids or directly on the HTML element.

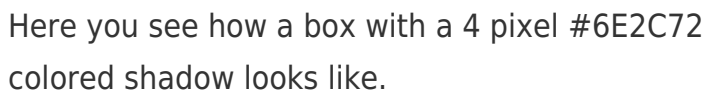
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E2C72 }
```

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

```
.border{ border-color:#6E2C72 }
```

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



Here you see how a box with a 4 pixel #6E2C72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E2C72; -webkit-box-shadow:4px 4px  
4px 4px #6E2C72; box-shadow:4px 4px 4px  
4px #6E2C72 }
```

# Background

The CSS property to change the background color of an element to Hex 6E2C72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E2C72 }
```

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

```
.background{ background-color:#6E2C72 }
```

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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