

# Converting Colors

Hex(6E006E)

Have a look what the booklet for  
Hex(6E006E) contains.

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# Color

**Hex(6E006E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E006E
RGB	110, 0, 110
RGB Percent	43%, 0%, 43%
CMY	0.5686, 1.0000, 0.5686
CMYK	0.00, 1.00, 0.00, 0.57
HSL	300°, 100%, 22%
HSV	300°, 100%, 43%
XYZ	9.2449, 4.4408, 15.1217
YIQ	45.4300, 30.2500, 57.5300

# Conversions

## Conversions Part 2

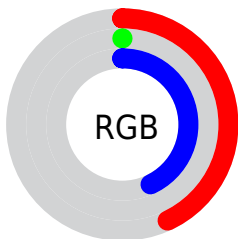
Format	Color
<b>R<sub>YB</sub></b>	110, 0, 110
Decimal	7209070
CIE Lab	25.08, 52.88, -32.75
CIE LCh	25, 62.202, 328.233
Yxy	4.4408, 0.3209, 0.1542
Android (android.graphics.Color)	4285399150 (0xFF6E006E)
YUV	45.4300, 31.8330, 56.6279
Hunter-Lab	21.0732, 41.4306, -27.7943

# Details

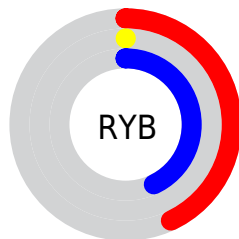
The Hex color **6E006E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **006E00**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **A543A2**, and **3A003E** is the 20% darker color. If you saturate the color by 10%, you get **6E006E**, and if you desaturate by 10%, it is **6E0B6E**.

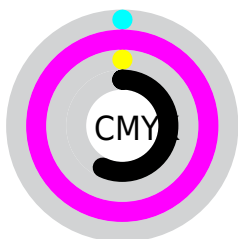
# Distribution



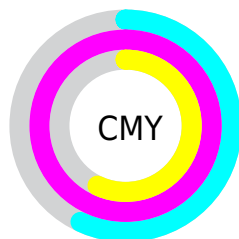
- Red (43%)
- Green (0%)
- Blue (43%)



- Red (43%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (57%)



- Cyan (57%)
- Magenta (100%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E006E 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 6E006E by changing the saturation by 10% instead.



 6E006E

 6E006E

FFFFFF

 530055

 A543A2

 3A003E

 C15EBD

 210027

 DE79D9

 000110

 FC94F6

 000000

 FFB0FF

 FFCCFF

 FFE9FF

 6E006E

 6E0B6E

 6E166E

 6E216E

 6E2C6E

 6E376E

 6E426E

 6E4D6E

 6E586E

 6E636E

# Harmonies

## Analogous

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



203090



6E006E



870041

# Triad

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



6E006E



4C3900



004E67

# Complementary

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



6E006E



006E00

# 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.



004D37



6E006E



1B4500

# Square

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



6E006E



6F2100



004B00



004C8D

# Rectangle

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



6E006E



880022



004B00



004E58



# Sweetspot

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



6E006E



8F648F



00006E



472E47



C7C7C7



474747



# Same Dimension

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



6E006E



8F008F



6E0037



383238



780078



F700F7



# Inverse Universe

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



6E006E



8F008F



006E37



383238



780078



F700F7



# Previews

## White Background



This preview shows how the Hex color 6E006E looks on a white background.

## Color Contrast Check

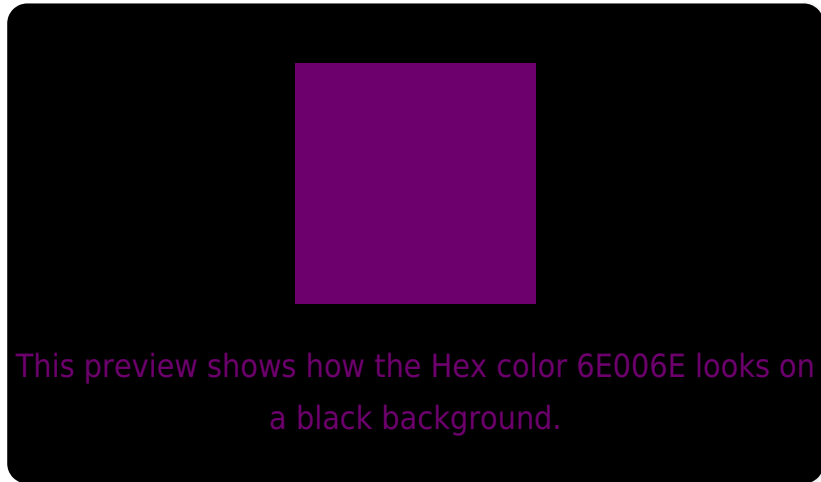
Large Text (above 18pt) WCAG AA ✓ Pass

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

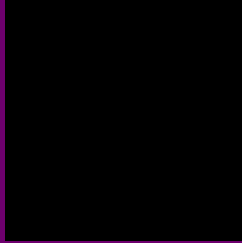
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E006E Background



This preview shows how black text looks on a background with the Hex color 6E006E.



This preview shows how white text looks on a background with the Hex color 6E006E.

# 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**  
672B2E

# Trichromacy



**Original Color**  
6E006E



**Protanomaly**  
28277A



**Deuteranomaly**  
40286A

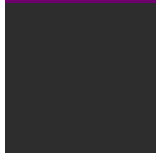


**Tritanomaly**  
6A1B45

# Monochromacy



**Original Color**  
6E006E



**Achromatopsia**  
2D2D2D



**Achromatomaly**  
451D45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E006E 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 #6E006E looks like.

```
.text, #text, p{  
    color:#6E006E  
}
```

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 #6E006E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E006E
}
```

## Border

The CSS property to change the border of an element to Hex 6E006E is called "border". The border property can be set on classes, ids or directly on the HTML element.

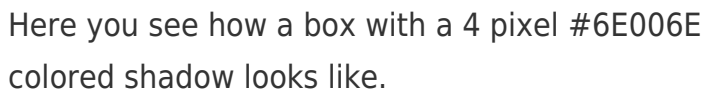
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E006E }
```

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

```
.border{ border-color:#6E006E }
```

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



Here you see how a box with a 4 pixel #6E006E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E006E; -webkit-box-shadow:4px 4px  
4px 4px #6E006E; box-shadow:4px 4px 4px  
4px #6E006E }
```

# Background

The CSS property to change the background color of an element to Hex 6E006E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E006E }
```

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

```
.background{ background-color:#6E006E }
```

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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