

# Converting Colors

Hex(6E045B)

Have a look what the booklet for  
Hex(6E045B) contains.

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# Color

**Hex(6E045B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E045B
RGB	110, 4, 91
RGB Percent	43%, 2%, 36%
CMY	0.5686, 0.9843, 0.6431
CMYK	0.00, 0.96, 0.17, 0.57
HSL	311°, 93%, 22%
HSV	311°, 96%, 43%
XYZ	8.3622, 4.1572, 10.2592
YIQ	45.6120, 35.2490, 49.5290

# Conversions

## Conversions Part 2

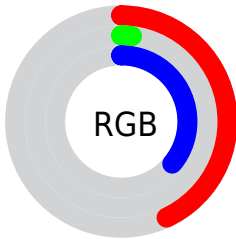
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	110, 4, 91
Decimal	7210075
CIE Lab	24.18, 49.17, -21.72
CIE LCh	24, 53.757, 336.163
Yxy	4.1572, 0.3671, 0.1825
Android (android.graphics.Color)	4285400155 (0xFF6E045B)
YUV	45.6120, 22.3763, 56.4683
Hunter-Lab	20.3891, 37.5269, -15.5606

# Details

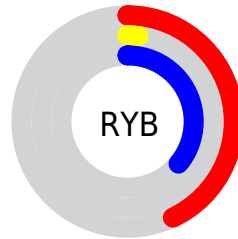
The Hex color **6E045B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **046E17**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **A5438D**, and **3A002D** is the 20% darker color. If you saturate the color by 10%, you get **6E005A**, and if you desaturate by 10%, it is **6E0F5D**.

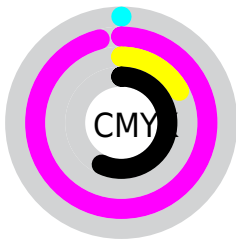
# Distribution



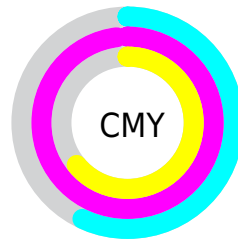
- Red (43%)
- Green (2%)
- Blue (36%)



- Red (43%)
- Yellow (2%)
- Blue (36%)



- Cyan (0%)
- Magenta (96%)
- Yellow (17%)
- Black (57%)



- Cyan (57%)
- Magenta (98%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E045B 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 6E045B by changing the saturation by 10% instead.



 6E045B

 6E045B

FFFFFF

 540043

 A5438D

 3A002D

 C15EA8

 210018

 DE78C3

 000000

 FB94DF

 FFAFFC

 FFCCFF

 FFE8FF

 6E045B

 6E045B

■ 6E005A

■ 6E0F5D

■ 6E1A5F

■ 6E2561

■ 6E3063

■ 6E3B65

■ 6E4667

■ 6E5169

■ 6E5C6B

■ 6E676D

# Harmonies

## Analogous

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



40297C



6E045B



7D0033

# Triad

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



6E045B



403B00



004A69

# Complementary

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



6E045B



046E17

# 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.



004A41



6E045B



124400

# Square

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



6E045B



612A00



004816



004684

# Rectangle

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



6E045B



7B0019



004816



004A5C



# Sweetspot

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



6E045B



8F6587



16046E



472E43



C7C7C7



474747



# Same Dimension

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



6E045B



8F0075



6E0427



383237



780062



F700CB



# Inverse Universe

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



6E045B



8F0075



046E4B



383237



780062

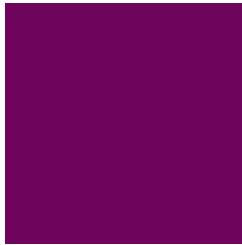


F700CB



# Previews

## White Background



This preview shows how the Hex color 6E045B looks on a white background.

## Color Contrast Check

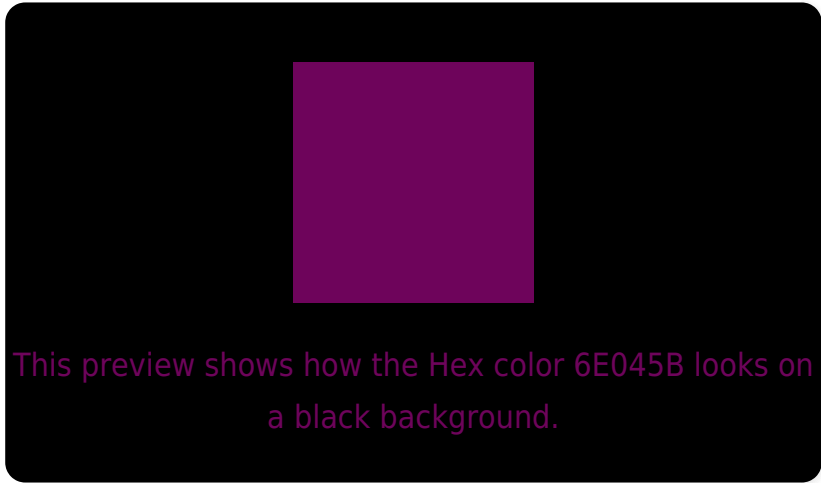
Large Text (above 18pt) WCAG AA ✓ Pass

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

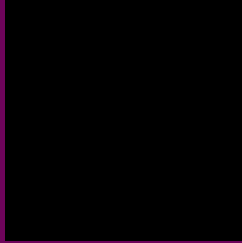
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E045B Background



This preview shows how black text looks on a background with the Hex color 6E045B.

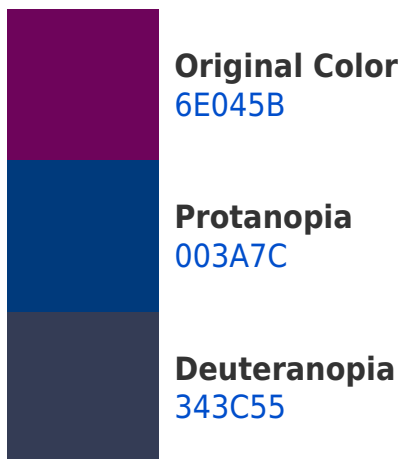



This preview shows how white text looks on a background with the Hex color 6E045B.

# 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**  
692426

# Trichromacy



**Original Color**  
6E045B

**Protanomaly**  
282670

**Deuteranomaly**  
492857

**Tritanomaly**  
6B1839

# Monochromacy



**Original Color**  
6E045B

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
451F3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E045B 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 #6E045B looks like.

```
.text, #text, p{  
    color:#6E045B  
}
```

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 #6E045B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E045B
}
```

## Border

The CSS property to change the border of an element to Hex 6E045B is called "border". The border property can be set on classes, ids or directly on the HTML element.

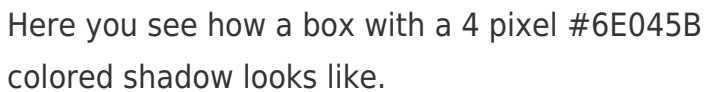
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E045B }
```

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

```
.border{ border-color:#6E045B }
```

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



Here you see how a box with a 4 pixel #6E045B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E045B; -webkit-box-shadow:4px 4px  
4px 4px #6E045B; box-shadow:4px 4px 4px  
4px #6E045B }
```

# Background

The CSS property to change the background color of an element to Hex 6E045B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E045B }
```

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

```
.background{ background-color:#6E045B }
```

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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