

# Converting Colors

Hex(6E0059)

Have a look what the booklet for  
Hex(6E0059) contains.

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# Color

**Hex(6E0059)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E0059
RGB	110, 0, 89
RGB Percent	43%, 0%, 35%
CMY	0.5686, 1.0000, 0.6510
CMYK	0.00, 1.00, 0.19, 0.57
HSL	311°, 100%, 22%
HSV	311°, 100%, 43%
XYZ	8.2336, 4.0363, 9.7963
YIQ	43.0360, 36.9910, 50.9990

# Conversions

## Conversions Part 2

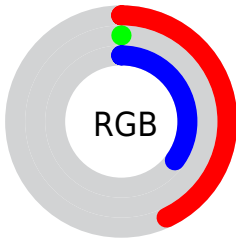
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 0, 89
Decimal	7209049
CIE <sub>Lab</sub>	23.79, 49.72, -21.01
CIE <sub>LCh</sub>	24, 53.980, 337.090
Yxy	4.0363, 0.3731, 0.1829
Android (android.graphics.Color)	4285399129 (0xFF6E0059)
YUV	43.0360, 22.6603, 58.7274
Hunter-Lab	20.0905, 37.9955, -14.8471

# Details

The Hex color **6E0059** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **006E15**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **A5418B**, and **3A002B** is the 20% darker color. If you saturate the color by 10%, you get **6E0059**, and if you desaturate by 10%, it is **6E0B5B**.

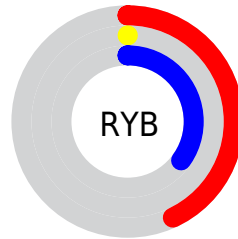
# Distribution



Red (43%)

Green (0%)

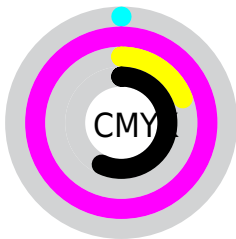
Blue (35%)



Red (43%)

Yellow (0%)

Blue (35%)

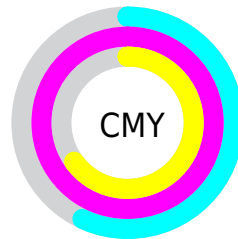


Cyan (0%)

Magenta (100%)

Yellow (19%)

Black (57%)



Cyan (57%)

Magenta (100%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E0059 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 6E0059 by changing the saturation by 10% instead.



 6E0059

 6E0059

FFFFFF

 530041

 A5418B

 3A002B

 C15CA6

 200016

 DE77C1

 000000

 FC92DD

 FFAEFA

 FFCAFF

 FFE7FF

 6E0059

 6E0B5B

 6E165D

 6E215F

 6E2C61

 6E3764

 6E4266

 6E4D68

 6E586A

 6E636C

# Harmonies

## Analogous

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



41287A



6E0059



7C0031

# Triad

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



6E0059



3E3A00



004969

# Complementary

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



6E0059



006E15

# 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.



004942



6E0059



0D4300

# Square

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



6E0059



5F2A00



004716



004584

# Rectangle

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



6E0059



7A0017



004716



00495D



# Sweetspot

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



6E0059



8F6487



14006E



472E42



C7C7C7



474747



# Same Dimension

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



6E0059



8F0074



6E0023



383237



780061



F700C8



# Inverse Universe

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



6E0059



8F0074



006E4B



383237



780061



F700C8



# Previews

## White Background



This preview shows how the Hex color 6E0059 looks on a white background.

## Color Contrast Check

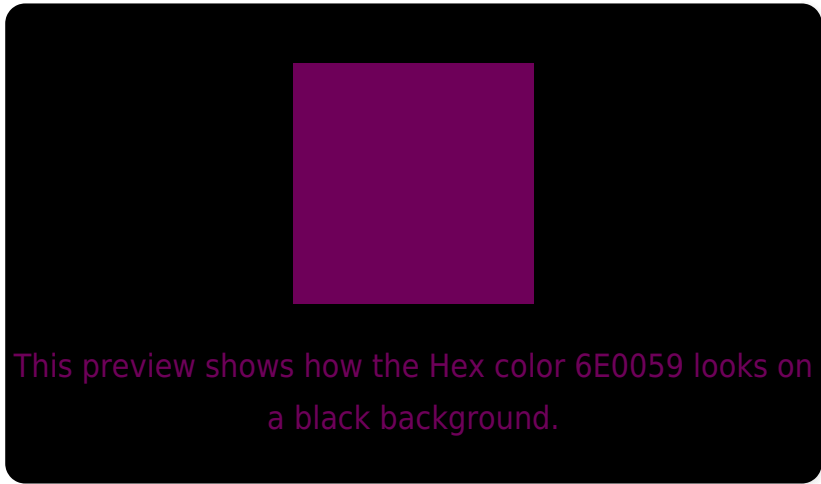
Large Text (above 18pt) WCAG AA ✓ Pass

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

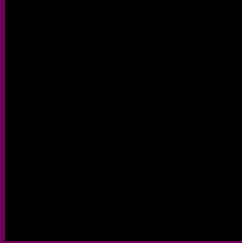
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E0059 Background



This preview shows how black text looks on a background with the Hex color 6E0059.




This preview shows how white text looks on a background with the Hex color 6E0059.

# 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**  
6A2325

# Trichromacy



**Original Color**  
6E0059



**Protanomaly**  
28256F



**Deuteranomaly**  
4A2655



**Tritanomaly**  
6B1638

# Monochromacy



**Original Color**  
6E0059



**Achromatopsia**  
2B2B2B



**Achromatomaly**  
431B3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E0059 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 #6E0059 looks like.

```
.text, #text, p{  
    color:#6E0059  
}
```

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 #6E0059 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E0059
}
```

## Border

The CSS property to change the border of an element to Hex 6E0059 is called "border". The border property can be set on classes, ids or directly on the HTML element.

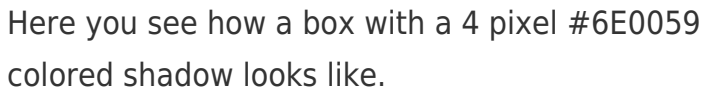
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E0059 }
```

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

```
.border{ border-color:#6E0059 }
```

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



Here you see how a box with a 4 pixel #6E0059 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E0059; -webkit-box-shadow:4px 4px  
4px 4px #6E0059; box-shadow:4px 4px 4px  
4px #6E0059 }
```

# Background

The CSS property to change the background color of an element to Hex 6E0059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E0059 }
```

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

```
.background{ background-color:#6E0059 }
```

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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