

# Converting Colors

Hex(6E0039)

Have a look what the booklet for  
Hex(6E0039) contains.

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**Color**

**Hex(6E0039)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E0039
RGB	110, 0, 57
RGB Percent	43%, 0%, 22%
CMY	0.5686, 1.0000, 0.7765
CMYK	0.00, 1.00, 0.48, 0.57
HSL	329°, 100%, 22%
HSV	329°, 100%, 43%
XYZ	7.1689, 3.6104, 4.1899
YIQ	39.3880, 47.2630, 41.0470

# Conversions

## Conversions Part 2

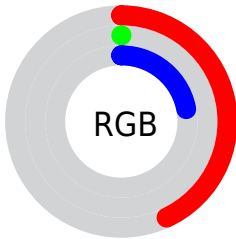
Format	Color
<a href="#">RYB</a>	<a href="#">110, 0, 57</a>
Decimal	<a href="#">7209017</a>
CIELab	<a href="#">22.34, 46.00, -1.42</a>
CIELCh	<a href="#">22, 46.022, 358.232</a>
Yxy	<a href="#">3.6104, 0.4789, 0.2412</a>
Android (android.graphics.Color)	<a href="#">4285399097 (0xFF6E0039)</a>
YUV	<a href="#">39.3880, 8.6827, 61.9267</a>
Hunter-Lab	<a href="#">19.0011, 34.0945, 0.2267</a>

# Details

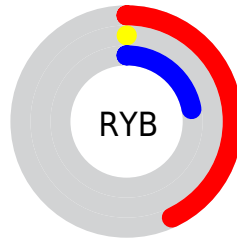
The Hex color **6E0039** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006E35**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **A64068**, and **3A000E** is the 20% darker color. If you saturate the color by 10%, you get **6E0039**, and if you desaturate by 10%, it is **6E0B3E**.

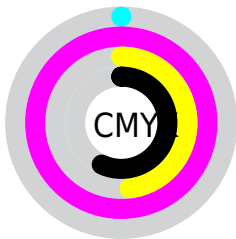
# Distribution



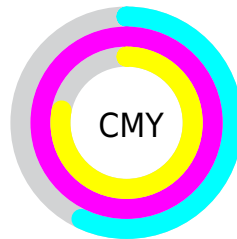
- Red (43%)
- Green (0%)
- Blue (22%)



- Red (43%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (57%)



- Cyan (57%)
- Magenta (100%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E0039 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 6E0039 by changing the saturation by 10% instead.



 6E0039

 6E0039

FFFFFF

 530024

 A64068

 3A000E

 C35A81

 1A0001

 E0749B

 000000

 FE8FB6

 FFABD1

 FFC7ED

 FFE4FF

 6E0039

 6E0B3E

 6E1644

 6E2149

 6E2C4E

 6E3753

 6E4259

 6E4D5E

 6E5863

 6E6369

# Harmonies

## Analogous

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



5B185A



6E0039



6D0D18

# Triad

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



6E0039



243D00



004170

# Complementary

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



6E0039



006E35

# 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.



004455



6E0039



00410D

# Square

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



6E0039



443300



004332



003B7B

# Rectangle

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



6E0039



641D00



004332



004368



# Sweetspot

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



6E0039



8F647A



33006E



472E3B



C7C7C7



474747



# Same Dimension

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



6E0039



8F004A



6E0004



383235



78003E



F70080



# Inverse Universe

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



6E0039



8F004A



006E6A



383235



78003E

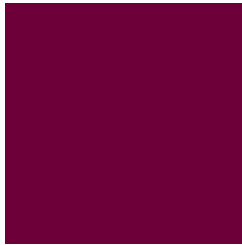


F70080



# Previews

## White Background



This preview shows how the Hex color 6E0039 looks on a white background.

## Color Contrast Check

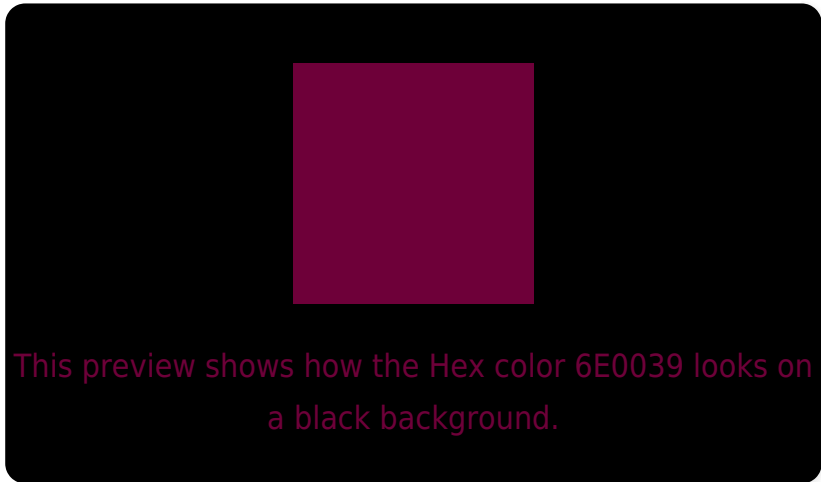
Large Text (above 18pt) WCAG AA ✓ Pass

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

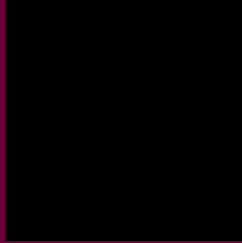
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6E0039 Background



This preview shows how black text looks on a background with the Hex color 6E0039.

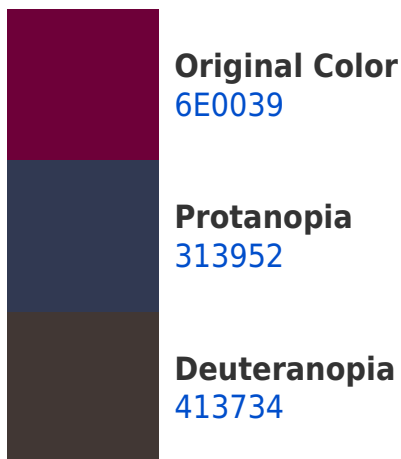


This preview shows how white text looks on a background with the Hex color 6E0039.

# 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**  
6C1717

# Trichromacy



**Original Color**  
6E0039

**Protanomaly**  
472449

**Deuteranomaly**  
512336

**Tritanomaly**  
6D0F23

# Monochromacy



**Original Color**  
6E0039

**Achromatopsia**  
272727

**Achromatomaly**  
41192E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E0039 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 #6E0039 looks like.

```
.text, #text, p{  
    color:#6E0039  
}
```

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 #6E0039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E0039
}
```

## Border

The CSS property to change the border of an element to Hex 6E0039 is called "border". The border property can be set on classes, ids or directly on the HTML element.

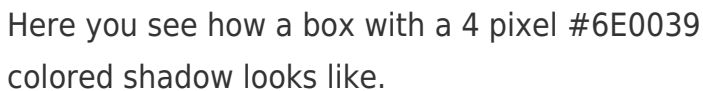
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E0039 }
```

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

```
.border{ border-color:#6E0039 }
```

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



Here you see how a box with a 4 pixel #6E0039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E0039; -webkit-box-shadow:4px 4px  
4px 4px #6E0039; box-shadow:4px 4px 4px  
4px #6E0039 }
```

# Background

The CSS property to change the background color of an element to Hex 6E0039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E0039 }
```

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

```
.background{ background-color:#6E0039 }
```

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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