

# Converting Colors

Hex(6E002B)

Have a look what the booklet for  
Hex(6E002B) contains.

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# Color

**Hex(6E002B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E002B
RGB	110, 0, 43
RGB Percent	43%, 0%, 17%
CMY	0.5686, 1.0000, 0.8314
CMYK	0.00, 1.00, 0.61, 0.57
HSL	337°, 100%, 22%
HSV	337°, 100%, 43%
XYZ	6.8665, 3.4894, 2.5971
YIQ	37.7920, 51.7570, 36.6930

# Conversions

## Conversions Part 2

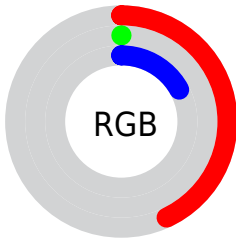
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 0, 43
Decimal	7209003
CIE Lab	21.91, 44.85, 7.78
CIE LCh	22, 45.524, 9.845
Yxy	3.4894, 0.5301, 0.2694
Android (android.graphics.Color)	4285399083 (0xFF6E002B)
YUV	37.7920, 2.5675, 63.3264
Hunter-Lab	18.6800, 32.9237, 4.8328

# Details

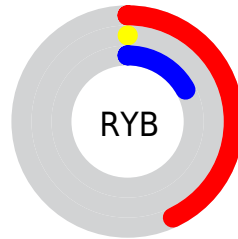
The Hex color **6E002B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006E43**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **A73F58**, and **390001** is the 20% darker color. If you saturate the color by 10%, you get **6E002B**, and if you desaturate by 10%, it is **6E0B32**.

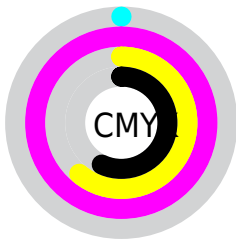
# Distribution



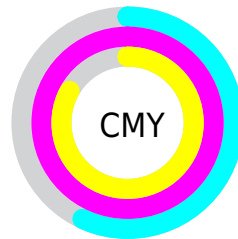
- Red (43%)
- Green (0%)
- Blue (17%)



- Red (43%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (57%)



- Cyan (57%)
- Magenta (100%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E002B 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 6E002B by changing the saturation by 10% instead.



 6E002B

 6E002B

FFFFFF


 520017

 A73F58

 390001

 C45970

 160000

 E1748A

 000000

 FF8EA4

 FFAABF

 FFC6DB

 FFE3F7

 6E002B

 6E0B32

 6E1638

 6E213F

 6E2C46

 6E374C

 6E4253

 6E4D5A

 6E5861

 6E6367

# Harmonies

## Analogous

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



630D4C



6E002B



671608

# Triad

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



6E002B



0F3E00



003E74

# Complementary

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



6E002B



006E43

# 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.



00425F



6E002B



00411B

# Square

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



6E002B



383700



00433F



003578

# Rectangle

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



6E002B



5B2400



00433F



00406F



# Sweetspot

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



6E002B



8F6475



42006E



472E38



C7C7C7



474747



# Same Dimension

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



6E002B



8F0038



6E0B00



383235



78002F



F70061



# Inverse Universe

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



6E002B



8F0038



00636E



383235



78002F

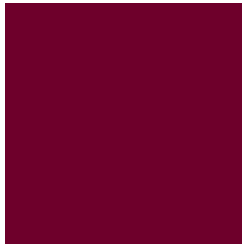


F70061



# Previews

## White Background



This preview shows how the Hex color 6E002B looks on a white background.

## Color Contrast Check

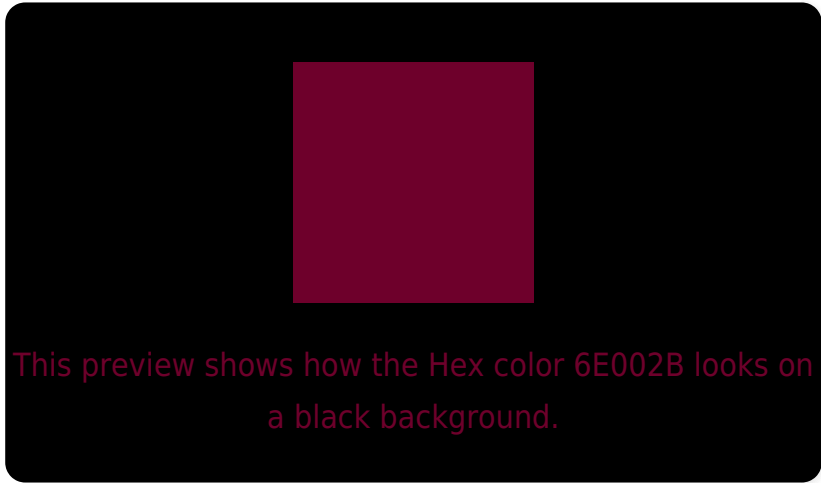
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E02B Background



This preview shows how black text looks on a background with the Hex color 6E02B.



This preview shows how white text looks on a background with the Hex color 6E02B.

# 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



**Original Color**  
6E002B

**Protanopia**  
38383F

**Deuteranopia**  
443626



**Tritanopia**  
6D1110

# Trichromacy



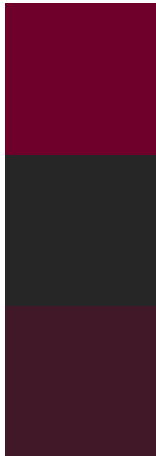
**Original Color**  
6E002B

**Protanomaly**  
4C2438

**Deuteranomaly**  
532228

**Tritanomaly**  
6D0B1A

# Monochromacy



**Original Color**  
6E002B

**Achromatopsia**  
262626

**Achromatomaly**  
401828

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E002B 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 #6E002B looks like.

```
.text, #text, p{  
    color:#6E002B  
}
```

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 #6E002B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E002B
}
```

## Border

The CSS property to change the border of an element to Hex 6E002B is called "border". The border property can be set on classes, ids or directly on the HTML element.

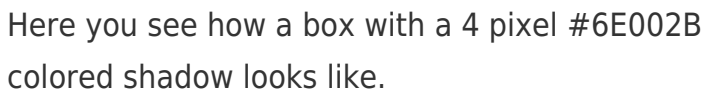
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E002B }
```

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

```
.border{ border-color:#6E002B }
```

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



Here you see how a box with a 4 pixel #6E002B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E002B; -webkit-box-shadow:4px 4px  
4px 4px #6E002B; box-shadow:4px 4px 4px  
4px #6E002B }
```

# Background

The CSS property to change the background color of an element to Hex 6E002B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E002B }
```

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

```
.background{ background-color:#6E002B }
```

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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