

# Converting Colors

Hex(3D002E)

Have a look what the booklet for  
Hex(3D002E) contains.

<b>Hex(3D002E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(3D002E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D002E
RGB	61, 0, 46
RGB Percent	24%, 0%, 18%
CMY	0.7608, 1.0000, 0.8196
CMYK	0.00, 1.00, 0.25, 0.76
HSL	315°, 100%, 12%
HSV	315°, 100%, 24%
XYZ	2.4176, 1.1894, 2.6869
YIQ	23.4830, 21.5900, 27.2380

# Conversions

## Conversions Part 2

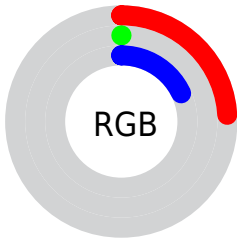
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	61, 0, 46
Decimal	3997742
CIE Lab	10.48, 32.91, -12.57
CIE LCh	10, 35.234, 339.091
Yxy	1.1894, 0.3841, 0.1890
Android (android.graphics.Color)	4282187822 (0xFF3D002E)
YUV	23.4830, 11.1009, 32.9024
Hunter-Lab	10.9058, 20.4851, -6.9736

# Details

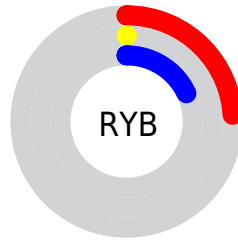
The Hex color **3D002E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **003D0F**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **6F325C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3D002E**, and if you desaturate by 10%, it is **3D0630**.

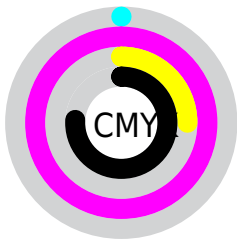
# Distribution



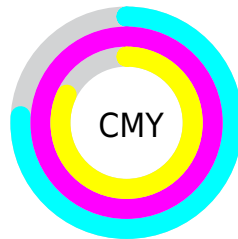
- Red (24%)
- Green (0%)
- Blue (18%)



- Red (24%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (76%)



- Cyan (76%)
- Magenta (100%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D002E 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 3D002E by changing the saturation by 10% instead.



 3D002E

 3D002E

 FFEAFF

 29001A

 6F325C

 000000

 8A4A75

 A5638E

 C07DA9

 DD97C4

 FAB2E0

 FFCEFD

 3D002E

■ 3D0630

■ 3D0C31

■ 3D1233

■ 3D1834

■ 3D1F36

■ 3D2537

■ 3D2B39

■ 3D313A

■ 3D373C

# Harmonies

## Analogous

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



241242



3D002E



450016

# Triad

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



3D002E



1E1E00



00273A

# Complementary

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



3D002E



003D0F

# 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.



002723



3D002E



002300

# Square

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



3D002E



321500



002606



00244A

# Rectangle

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



3D002E



430000



002606



002733



# Sweetspot

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



3D002E



4F3749



0E003D



291A25



A8A8A8



292929



# Same Dimension

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



3D002E



4F003C



3D0010



1F1C1E



5E0047



DE00A7



# Inverse Universe

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



3D002E



4F003C



003D2D



1F1C1E



5E0047



DE00A7



# Previews

## White Background



This preview shows how the Hex color 3D002E looks on a white background.

## Color Contrast Check

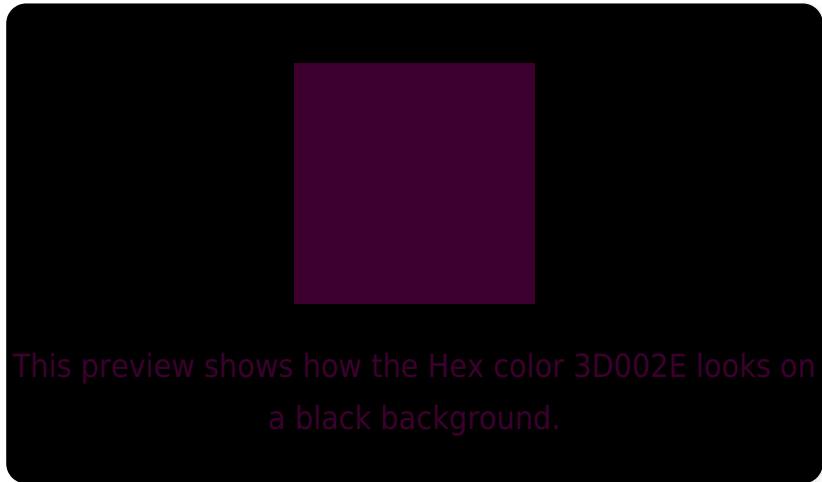
Large Text (above 18pt) WCAG AA ✓ Pass

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

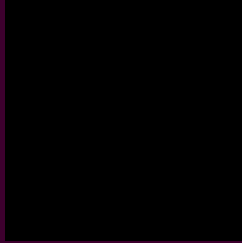
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D002E Background



This preview shows how black text looks on a background with the Hex color 3D002E.



This preview shows how white text looks on a background with the Hex color 3D002E.

# 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](#).

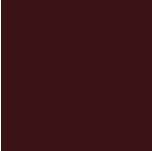
## Dichromacy



**Original Color**  
3D002E

**Protanopia**  
0C2041

**Deuteranopia**  
1F212B



**Tritanopia**  
3B1213

# Trichromacy



**Original Color**  
3D002E

**Protanomaly**  
1E143A

**Deuteranomaly**  
2A152C

**Tritanomaly**  
3C0B1D

# Monochromacy



**Original Color**  
3D002E

**Achromatopsia**  
171717

**Achromatomaly**  
250F1F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D002E 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 #3D002E looks like.

```
.text, #text, p{  
    color:#3D002E  
}
```

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 #3D002E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D002E
}
```

## Border

The CSS property to change the border of an element to Hex 3D002E 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".

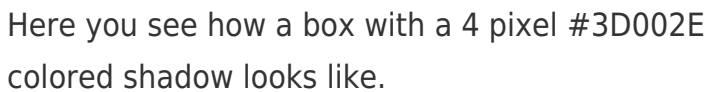
```
.border, #border, table{ border:4px solid
#3D002E }
```

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

```
.border{ border-color:#3D002E }
```

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

Here you see how a box with a 4 pixel #3D002E colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border. Below the box, there is a thick dark purple horizontal bar. The shadow is a dark purple rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D002E; -webkit-box-shadow:4px 4px  
4px 4px #3D002E; box-shadow:4px 4px 4px  
4px #3D002E }
```

# Background

The CSS property to change the background color of an element to Hex 3D002E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D002E }
```

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

```
.background{ background-color:#3D002E }
```

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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