

# Converting Colors

Hex(3C003E)

Have a look what the booklet for  
Hex(3C003E) contains.

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**Color**

**Hex(3C003E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3C003E
RGB	60, 0, 62
RGB Percent	24%, 0%, 24%
CMY	0.7647, 1.0000, 0.7569
CMYK	0.03, 1.00, 0.00, 0.76
HSL	298°, 100%, 12%
HSV	298°, 100%, 24%
XYZ	2.7330, 1.3085, 4.6659
YIQ	25.0080, 15.8580, 32.0020

# Conversions

## Conversions Part 2

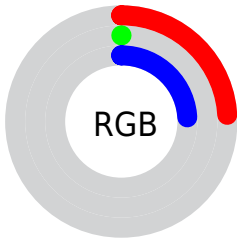
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 0, 62
Decimal	3932222
CIELab	11.33, 35.36, -22.86
CIELCh	11, 42.105, 327.118
Yxy	1.3085, 0.3139, 0.1503
Android (android.graphics.Color)	4282122302 (0xFF3C003E)
YUV	25.0080, 18.2371, 30.6880
Hunter-Lab	11.4388, 22.6297, -16.1775

# Details

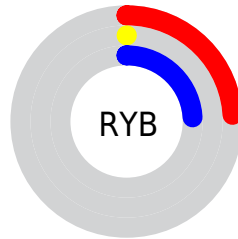
The Hex color **3C003E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **023E00**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **6E336E**, and **000112** is the 20% darker color. If you saturate the color by 10%, you get **3C003E**, and if you desaturate by 10%, it is **3C063E**.

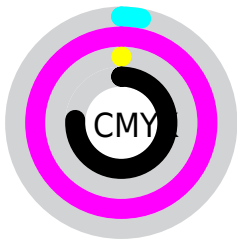
# Distribution



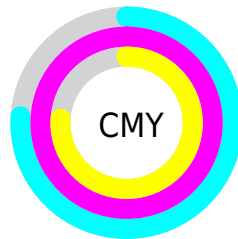
- Red (24%)
- Green (0%)
- Blue (24%)



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



- Cyan (3%)
- Magenta (100%)
- Yellow (0%)
- Black (76%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C003E 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 3C003E by changing the saturation by 10% instead.



 3C003E

 3C003E

 FFECFF

 270028

 6E336E

 000112

 884B88

 000000

 A364A2

 BF7EBD

 DB98D9

 F8B4F5

 FFCFFF

 3C003E

■ 3C063E

■ 3C0C3E

■ 3D133E

■ 3D193E

■ 3D1F3E

■ 3D253E

■ 3D2B3E

■ 3E323E

■ 3E383E

# Harmonies

## Analogous

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



071853



3C003E



4C0022

# Triad

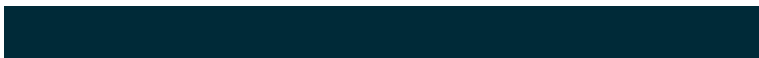
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3C003E



291C00



002A38

# Complementary

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



3C003E



023E00

# 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.



002A1A



3C003E



0B2400

# Square

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



3C003E



3E0D00



002800



00284F

# Rectangle

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



3C003E



4D000E



002800



002B2E



# Sweetspot

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



3C003E



513952



00023E



281A29



A8A8A8



292929



# Same Dimension

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



3C003E



4F0052



3E0021



1F1C1F



5B005E



D700DE



# Inverse Universe

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



3E0002



520003



003E1D



1F1C1C



5E0003

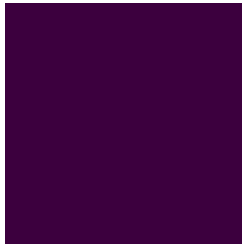


DE0007



# Previews

## White Background



This preview shows how the Hex color 3C003E looks on a white background.

## Color Contrast Check

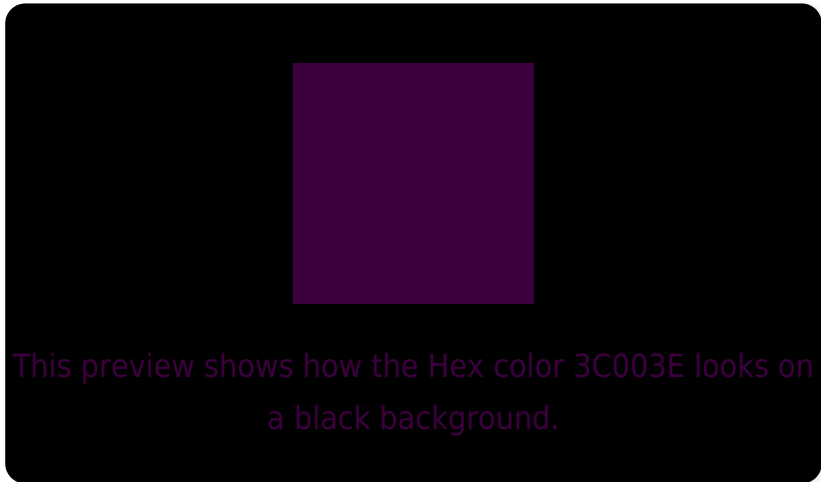
Large Text (above 18pt) WCAG AA ✓ Pass

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

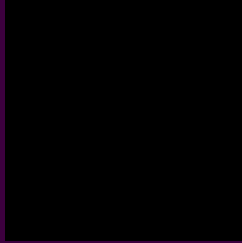
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C003E Background



This preview shows how black text looks on a background with the Hex color 3C003E.



This preview shows how white text looks on a background with the Hex color 3C003E.

# 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**  
3C003E

**Protanopia**  
002147

**Deuteranopia**  
12233A



**Tritanopia**  
38181A

# Trichromacy



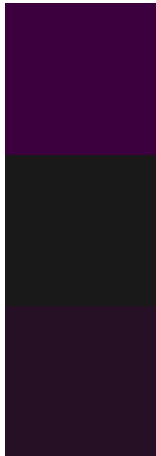
**Original Color**  
3C003E

**Protanomaly**  
161544

**Deuteranomaly**  
21163B

**Tritanomaly**  
390F27

# Monochromacy



**Original Color**  
3C003E

**Achromatopsia**  
191919

**Achromatomaly**  
261026

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C003E 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 #3C003E looks like.

```
.text, #text, p{  
    color:#3C003E  
}
```

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 #3C003E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C003E
}
```

## Border

The CSS property to change the border of an element to Hex 3C003E is called "border". The border property can be set on classes, ids or directly on the HTML element.

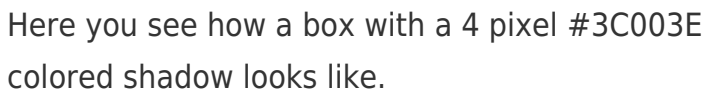
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C003E }
```

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

```
.border{ border-color:#3C003E }
```

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



Here you see how a box with a 4 pixel #3C003E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C003E; -webkit-box-shadow:4px 4px  
4px 4px #3C003E; box-shadow:4px 4px 4px  
4px #3C003E }
```

# Background

The CSS property to change the background color of an element to Hex 3C003E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C003E }
```

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

```
.background{ background-color:#3C003E }
```

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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