

# Converting Colors

Hex(44003D)

Have a look what the booklet for  
Hex(44003D) contains.

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# Color

**Hex(44003D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	44003D
RGB	68, 0, 61
RGB Percent	27%, 0%, 24%
CMY	0.7333, 1.0000, 0.7608
CMYK	0.00, 1.00, 0.10, 0.73
HSL	306°, 100%, 13%
HSV	306°, 100%, 27%
XYZ	3.2262, 1.5659, 4.5471
YIQ	27.2860, 20.9470, 33.3870

# Conversions

## Conversions Part 2

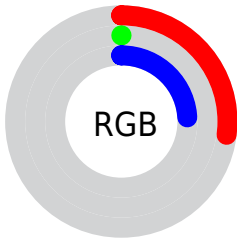
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 0, 61
Decimal	4456509
CIELab	13.02, 36.80, -19.35
CIElCh	13, 41.579, 332.261
Yxy	1.5659, 0.3454, 0.1677
Android (android.graphics.Color)	4282646589 (0xFF44003D)
YUV	27.2860, 16.6210, 35.7062
Hunter-Lab	12.5135, 24.1221, -12.7851

# Details

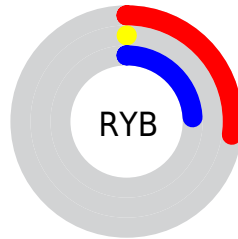
The Hex color **44003D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **004407**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **77356D**, and **090011** is the 20% darker color. If you saturate the color by 10%, you get **44003D**, and if you desaturate by 10%, it is **44073E**.

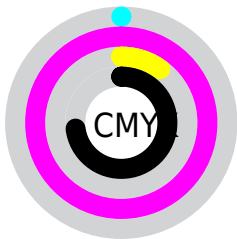
# Distribution



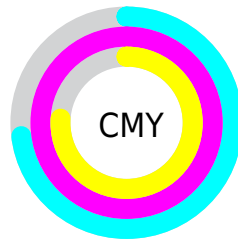
- Red (27%)
- Green (0%)
- Blue (24%)



- Red (27%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (10%)
- Black (73%)



- Cyan (73%)
- Magenta (100%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44003D 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 44003D by changing the saturation by 10% instead.



 44003D

 44003D

 FFEFFF

 2D0027

 77356D

 090011

 924D86

 000000

 AD67A0

 C981BC

 E59BD7

 FFB7F4

 FFD3FF

 44003D

■ 44073E

■ 440E3E

■ 44143F

■ 441B40

■ 442241

■ 442941

■ 443042

■ 443643

■ 443D43

# Harmonies

## Analogous

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



1E1853



44003D



510021

# Triad

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



44003D



292100



002D40

# Complementary

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



44003D



004407

# 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.



002D23



44003D



092800

# Square

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



44003D



3F1400



002C00



002B55

# Rectangle

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



44003D



51000C



002C00



002E37



# Sweetspot

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



44003D



593E56



070044



2E1D2C



ADADAD



2E2E2E



# Same Dimension

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



44003D



590050



44001B



211E21



610057



E000C9



# Inverse Universe

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



44003D



590050



004429



211E21



610057

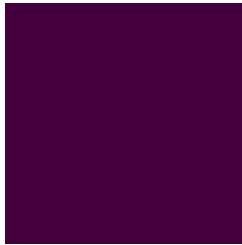


E000C9



# Previews

## White Background



This preview shows how the Hex color 44003D looks on a white background.

## Color Contrast Check

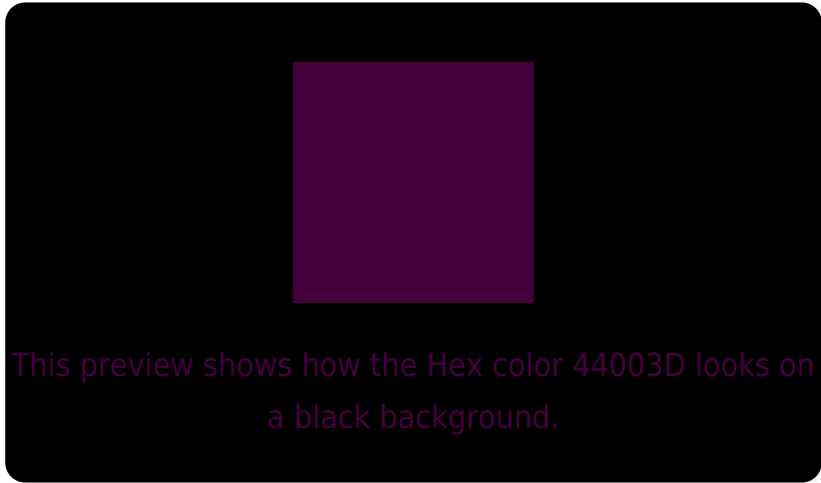
Large Text (above 18pt) WCAG AA ✓ Pass

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

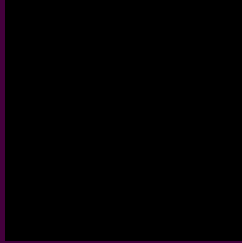
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 44003D Background



This preview shows how black text looks on a background with the Hex color 44003D.



This preview shows how white text looks on a background with the Hex color 44003D.

# 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**  
44003D

**Protanopia**  
00254E

**Deuteranopia**  
1D2639



**Tritanopia**  
411819

# Trichromacy



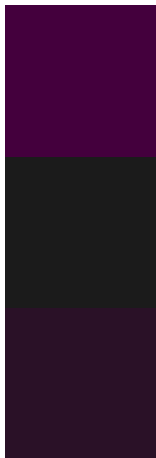
**Original Color**  
44003D

**Protanomaly**  
191848

**Deuteranomaly**  
2B183A

**Tritanomaly**  
420F26

# Monochromacy



**Original Color**  
44003D

**Achromatopsia**  
1B1B1B

**Achromatomaly**  
2A1127

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44003D 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 #44003D looks like.

```
.text, #text, p{  
    color:#44003D  
}
```

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 #44003D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44003D
}
```

## Border

The CSS property to change the border of an element to Hex 44003D is called "border". The border property can be set on classes, ids or directly on the HTML element.

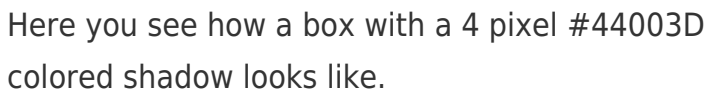
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#44003D }
```

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

```
.border{ border-color:#44003D }
```

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



Here you see how a box with a 4 pixel #44003D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44003D; -webkit-box-shadow:4px 4px  
4px 4px #44003D; box-shadow:4px 4px 4px  
4px #44003D }
```

# Background

The CSS property to change the background color of an element to Hex 44003D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44003D }
```

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

```
.background{ background-color:#44003D }
```

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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