

Converting Colors

Hex(37003D)

Have a look what the booklet for
Hex(37003D) contains.

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Color

Hex(37003D)

Conversions

Conversions Part 1

Format	Color
Hex	37003D
RGB	55, 0, 61
RGB Percent	22%, 0%, 24%
CMY	0.7843, 1.0000, 0.7608
CMYK	0.10, 1.00, 0.00, 0.76
HSL	294°, 100%, 12%
HSV	294°, 100%, 24%
XYZ	2.4179, 1.1491, 4.5093
YIQ	23.3990, 13.1990, 30.6310

Conversions

Conversions Part 2

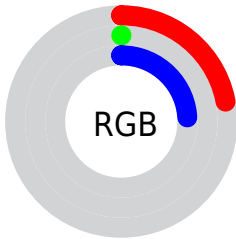
Format	Color
RYB	55, 0, 61
Decimal	3604541
CIELab	10.18, 34.22, -24.06
CIELCh	10, 41.833, 324.885
Yxy	1.1491, 0.2994, 0.1423
Android (android.graphics.Color)	4281794621 (0xFF37003D)
YUV	23.3990, 18.5373, 27.7141
Hunter-Lab	10.7198, 21.5009, -17.4362

Details

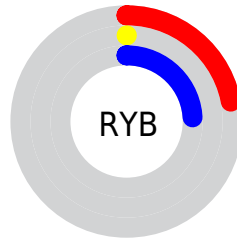
The Hex color **37003D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **063D00**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **69316D**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **37003D**, and if you desaturate by 10%, it is **38063D**.

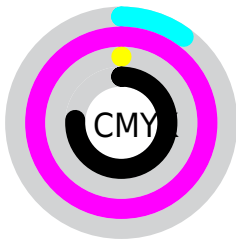
Distribution



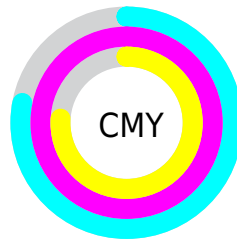
- Red (22%)
- Green (0%)
- Blue (24%)



- Red (22%)
- Yellow (0%)
- Blue (24%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)
- Black (76%)



- Cyan (78%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37003D 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 37003D by changing the saturation by 10% instead.

 37003D

 37003D

 FFEAFF

 240027

 69316D

 000110

 834986

 000000

 9D62A1

 B97CBC

 D596D8

 F2B1F4

 FFCDFD

 37003D

■ 38063D

■ 380C3D

■ 39123D

■ 39183D

■ 3A1F3D

■ 3B253D

■ 3B2B3D

■ 3C313D

■ 3C373D

Harmonies

Analogous

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



001750



37003D



480022

Triad

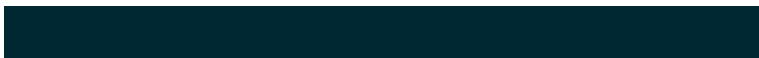
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37003D



281900



002833

Complementary

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



37003D



063D00

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.



002816



37003D



0A2100

Square

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



37003D



3C0900



002600



00264B

Rectangle

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



37003D



4A000D



002600



00292A

Sweetspot

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



37003D



4D374F



00063D



271A29



A8A8A8



292929

Same Dimension

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



37003D



47004F



3D0025



1E1C1F



55005E



C800DE

Inverse Universe

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



3D0006



4F0008



003D18



1F1C1C



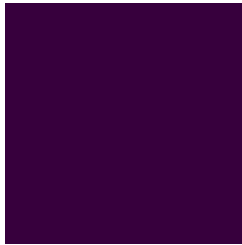
5E0009



DE0016

Previews

White Background



This preview shows how the Hex color 37003D looks on a white background.

Color Contrast Check

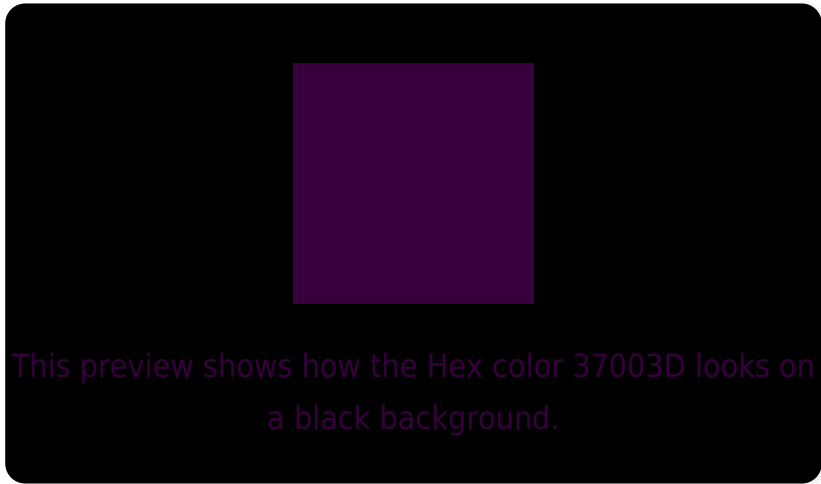
Large Text (above 18pt) WCAG AA ✓ Pass

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

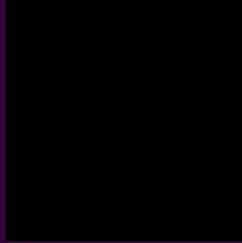
Any Text WCAG AA × Fail

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 37003D Background



This preview shows how black text looks on a background with the Hex color 37003D.



This preview shows how white text looks on a background with the Hex color 37003D.

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](#).

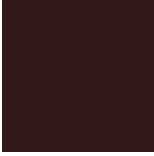
Dichromacy



Original Color
37003D

Protanopia
001F42

Deuteranopia
0A2139



Tritanopia
33181A

Trichromacy



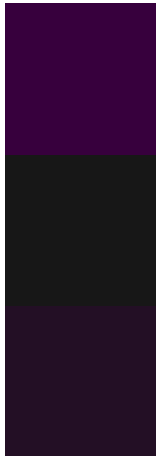
Original Color
37003D

Protanomaly
141440

Deuteranomaly
1A153A

Tritanomaly
340F27

Monochromacy



Original Color
37003D

Achromatopsia
171717

Achromatomaly
230F25

CSS Examples

Text

The CSS property to change the color of the text to Hex 37003D 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 #37003D looks like.

```
.text, #text, p{  
    color:#37003D  
}
```

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 #37003D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37003D
}
```

Border

The CSS property to change the border of an element to Hex 37003D is called "border". The border property can be set on classes, ids or directly on the HTML element.

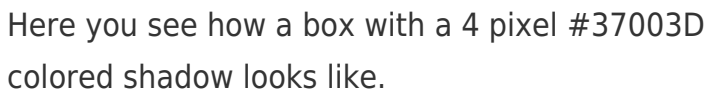
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37003D }
```

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

```
.border{ border-color:#37003D }
```

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



Here you see how a box with a 4 pixel #37003D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37003D; -webkit-box-shadow:4px 4px  
4px 4px #37003D; box-shadow:4px 4px 4px  
4px #37003D }
```

Background

The CSS property to change the background color of an element to Hex 37003D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37003D }
```

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

```
.background{ background-color:#37003D }
```

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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