

Converting Colors

Hex(37002E)

Have a look what the booklet for
Hex(37002E) contains.

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Color

Hex(37002E)

Conversions

Conversions Part 1

Format	Color
Hex	37002E
RGB	55, 0, 46
RGB Percent	22%, 0%, 18%
CMY	0.7843, 1.0000, 0.8196
CMYK	0.00, 1.00, 0.16, 0.78
HSL	310°, 100%, 11%
HSV	310°, 100%, 22%
XYZ	2.0687, 1.0095, 2.6706
YIQ	21.6890, 18.0140, 25.9660

Conversions

Conversions Part 2

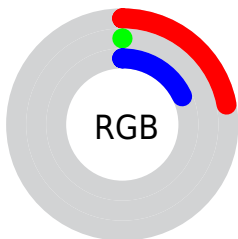
Format	Color
R_{YB}	55, 0, 46
Decimal	3604526
CIE _{Lab}	9.07, 31.54, -14.88
CIE _{LCh}	9, 34.876, 334.736
Yxy	1.0095, 0.3599, 0.1756
Android (android.graphics.Color)	4281794606 (0xFF37002E)
YUV	21.6890, 11.9853, 29.2137
Hunter-Lab	10.0473, 19.1695, -8.7263

Details

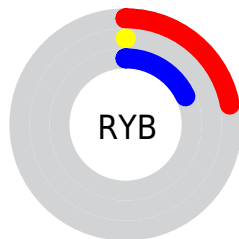
The Hex color **37002E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **003709**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **68305C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **37002E**, and if you desaturate by 10%, it is **37052F**.

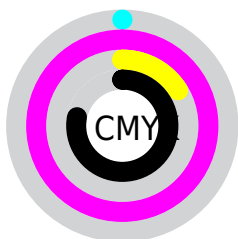
Distribution



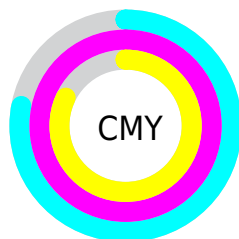
- Red (22%)
- Green (0%)
- Blue (18%)



- Red (22%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (78%)



- Cyan (78%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37002E 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 37002E by changing the saturation by 10% instead.

 37002E

 37002E

 FFE8FF

 23001A

 68305C

 000000

 824875

 9D618E

 B97AA9

 D595C4

 F2B0E0

 FFCBFD

 37002E

■ 37052F

■ 370B30

■ 371131

■ 371632

■ 371C32

■ 372133

■ 372734

■ 372C35

■ 373236

Harmonies

Analogous

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



1B1141



37002E



400017

Triad

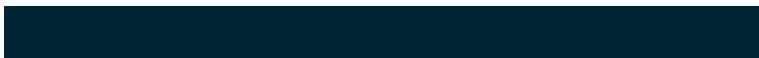
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37002E



1E1A00



002434

Complementary

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



37002E



003709

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.



00251D



37002E



002000

Square

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



37002E



311000



002300



002144

Rectangle

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



37002E



400000



002300



00252D

Sweetspot

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



37002E



473244



080037



241722



A3A3A3



242424

Same Dimension

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



37002E



47003C



370013



1C191C



5C004D



DB00B7

Inverse Universe

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



37002E



47003C



003724



1C191C



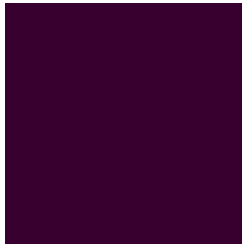
5C004D



DB00B7

Previews

White Background



This preview shows how the Hex color 37002E looks on a white background.

Color Contrast Check

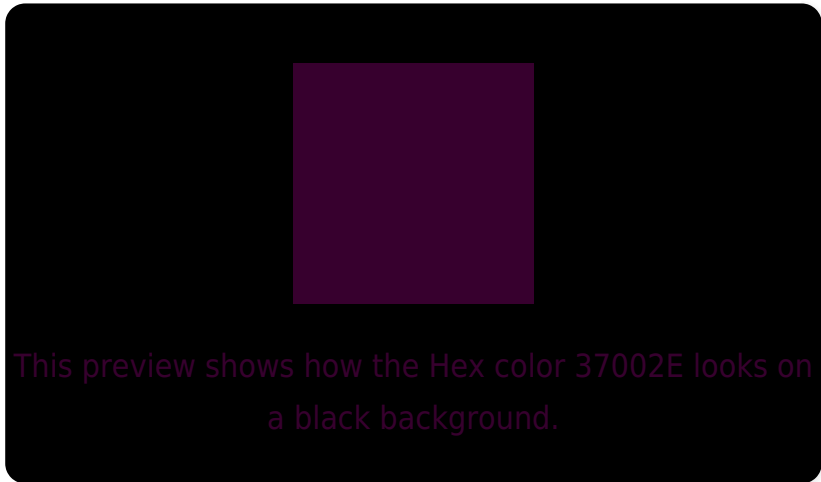
Large Text (above 18pt) WCAG AA ✓ Pass

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

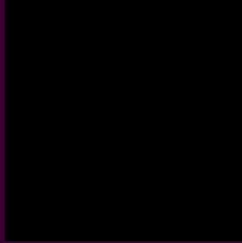
Any Text WCAG AA × Fail

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 37002E Background



This preview shows how black text looks on a background with the Hex color 37002E.



This preview shows how white text looks on a background with the Hex color 37002E.

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
37002E

Protanopia
001D3E

Deuteranopia
1A1E2B



Tritanopia
351213

Trichromacy



Original Color
37002E

Protanomaly
141238

Deuteranomaly
25132C

Tritanomaly
360B1D

Monochromacy



Original Color
37002E

Achromatopsia
161616

Achromatomaly
220E1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 37002E 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 #37002E looks like.

```
.text, #text, p{  
    color:#37002E  
}
```

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 #37002E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37002E
}
```

Border

The CSS property to change the border of an element to Hex 37002E is called "border". The border property can be set on classes, ids or directly on the HTML element.

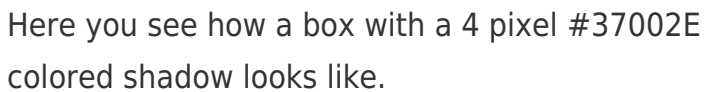
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37002E }
```

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

```
.border{ border-color:#37002E }
```

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



Here you see how a box with a 4 pixel #37002E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37002E; -webkit-box-shadow:4px 4px  
4px 4px #37002E; box-shadow:4px 4px 4px  
4px #37002E }
```

Background

The CSS property to change the background color of an element to Hex 37002E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37002E }
```

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

```
.background{ background-color:#37002E }
```

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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