

Converting Colors

Hex(37001E)

Have a look what the booklet for
Hex(37001E) contains.

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Color

Hex(37001E)

Conversions

Conversions Part 1

Format	Color
Hex	37001E
RGB	55, 0, 30
RGB Percent	22%, 0%, 12%
CMY	0.7843, 1.0000, 0.8824
CMYK	0.00, 1.00, 0.45, 0.78
HSL	327°, 100%, 11%
HSV	327°, 100%, 22%
XYZ	1.8099, 0.9060, 1.3078
YIQ	19.8650, 23.1500, 20.9900

Conversions

Conversions Part 2

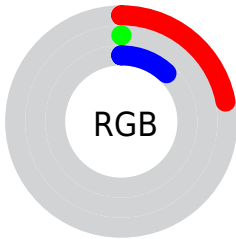
Format	Color
R_{YB}	55, 0, 30
Decimal	3604510
CIE Lab	8.18, 29.29, -4.11
CIE LCh	8, 29.572, 352.013
Yxy	0.9060, 0.4498, 0.2252
Android (android.graphics.Color)	4281794590 (0xFF37001E)
YUV	19.8650, 4.9966, 30.8134
Hunter-Lab	9.5182, 17.2850, -1.4835

Details

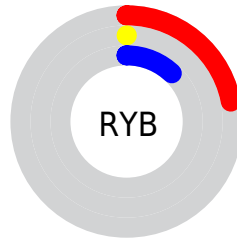
The Hex color **37001E** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003719**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **692F4A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **37001E**, and if you desaturate by 10%, it is **370521**.

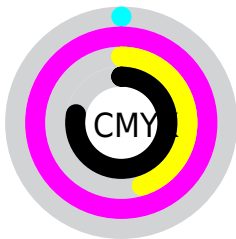
Distribution



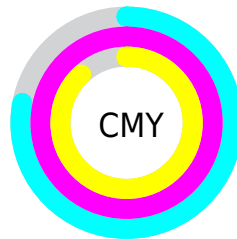
- Red (22%)
- Green (0%)
- Blue (12%)



- Red (22%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (45%)
- Black (78%)



- Cyan (78%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37001E 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 37001E by changing the saturation by 10% instead.

 37001E

 37001E

 FFE6FF

 230003

 692F4A

 000000

 834761

 9E5F7A

 BA7994

 D693AE

 F3AECA

 FFCAE6

 37001E

■ 370521

■ 370B23

■ 371126

■ 371628

■ 371C2B

■ 37212D

■ 372730

■ 372C32

■ 373235

Harmonies

Analogous

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



290A30



37001E



390104

Triad

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



37001E



101B00



002037

Complementary

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



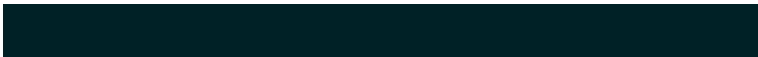
37001E



003719

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.



002226



37001E



002000

Square

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



37001E



241500



002211



001C3F

Rectangle

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



37001E



350700



002211



002132

Sweetspot

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



37001E



47323E



190037



24171E



A3A3A3



242424

Same Dimension

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



37001E



470027



370003



1C191B



5C0032



DB0078

Inverse Universe

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



37001E



470027



003734



1C191B



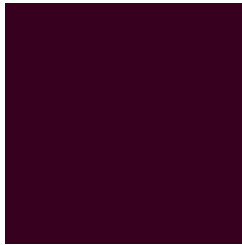
5C0032



DB0078

Previews

White Background



This preview shows how the Hex color 37001E looks on a white background.

Color Contrast Check

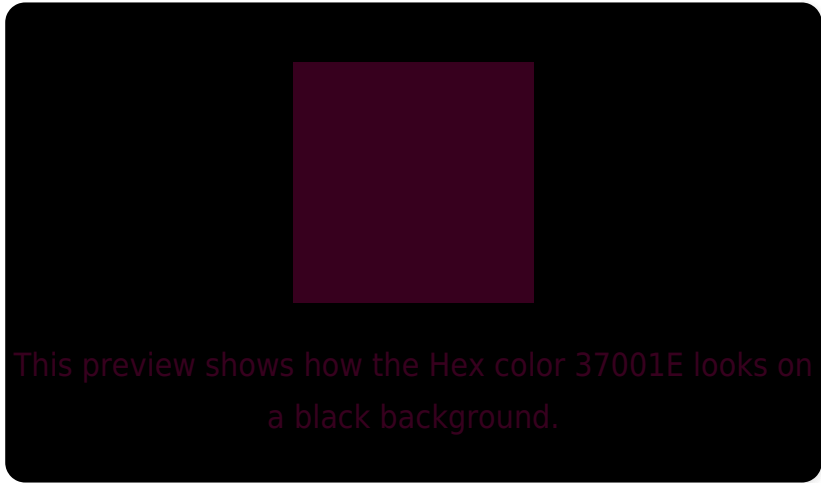
Large Text (above 18pt) WCAG AA ✓ Pass

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

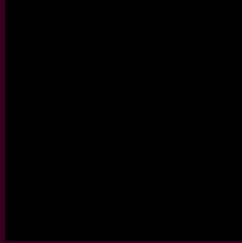
Any Text WCAG AA × Fail

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 37001E Background



This preview shows how black text looks on a background with the Hex color 37001E.



This preview shows how white text looks on a background with the Hex color 37001E.

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
37001E

Protanopia
181C2B

Deuteranopia
201C1C

Trichromacy



Original Color
37001E

Protanomaly
231226

Deuteranomaly
28121D

Tritanomaly
360813

Monochromacy



Original Color
37001E

Achromatopsia
141414

Achromatomaly
210D18

CSS Examples

Text

The CSS property to change the color of the text to Hex 37001E 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 #37001E looks like.

```
.text, #text, p{  
    color:#37001E  
}
```

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 #37001E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37001E
}
```

Border

The CSS property to change the border of an element to Hex 37001E is called "border". The border property can be set on classes, ids or directly on the HTML element.

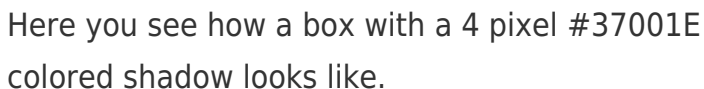
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37001E }
```

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

```
.border{ border-color:#37001E }
```

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



Here you see how a box with a 4 pixel #37001E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37001E; -webkit-box-shadow:4px 4px  
4px 4px #37001E; box-shadow:4px 4px 4px  
4px #37001E }
```

Background

The CSS property to change the background color of an element to Hex 37001E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37001E }
```

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

```
.background{ background-color:#37001E }
```

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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