

Converting Colors

Hex(000037)

Have a look what the booklet for
Hex(000037) contains.

Hex(000037)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(000037)

Conversions

Conversions Part 1

Format	Color
Hex	000037
RGB	0, 0, 55
RGB Percent	0%, 0%, 22%
CMY	1.0000, 1.0000, 0.7843
CMYK	1.00, 1.00, 0.00, 0.78
HSL	240°, 100%, 11%
HSV	240°, 100%, 22%
XYZ	0.6896, 0.2758, 3.6313
YIQ	6.2700, -17.6550, 17.1050

Conversions

Conversions Part 2

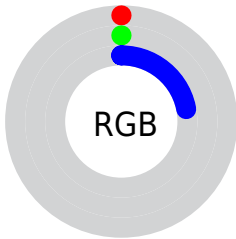
Format	Color
R_{YB}	0, 0, 55
Decimal	55
CIE Lab	2.49, 17.51, -32.50
CIE LCh	2, 36.912, 298.316
Yxy	0.2758, 0.1500, 0.0600
Android (android.graphics.Color)	4278190135 (0xFF000037)
YUV	6.2700, 24.0239, -5.4988
Hunter-Lab	5.2520, 14.2461, -37.3177

Details

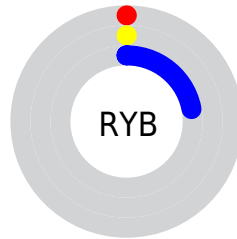
The Hex color **000037** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **373700**, and the grayscale version is **060606**.

A 20% lighter version of the original color is **312F66**, and **000006** is the 20% darker color. If you saturate the color by 10%, you get **000037**, and if you desaturate by 10%, it is **050537**.

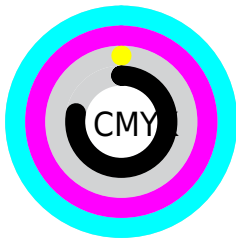
Distribution



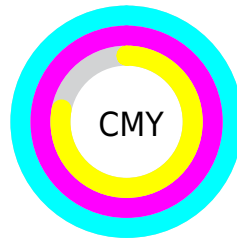
- Red (0%)
- Green (0%)
- Blue (22%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 000037 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 000037 by changing the saturation by 10% instead.

 000037

 000037

 ECE1FF

 000221

 312F66

 000006

 4A4580

 000000

 635D9A

 7D76B5

 988FD1

 B3AAED

 CFC5FF

 000037

■ 050537

■ 0B0B37

■ 111137

■ 161637

■ 1C1C37

■ 212137

■ 272737

■ 2C2C37

■ 323237

Harmonies

Analogous

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



000F3D



000037



270026

Triad

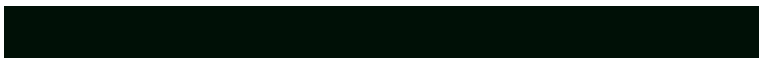
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



000037



260000



001006

Complementary

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



000037



373700

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.



001000



000037



100800

Square

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



000037



310000



001000



001223

Rectangle

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



000037



300017



001000

Sweetspot

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



000037



323247



003737



171724



A3A3A3



242424

Same Dimension

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



000037



000047



1C0037



19191C



00005C



0000DB

Inverse Universe

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



370037



470047



1C3700



1C191C



5C005C



DB00DB

Previews

White Background



This preview shows how the Hex color 000037 looks on a white background.

Color Contrast Check

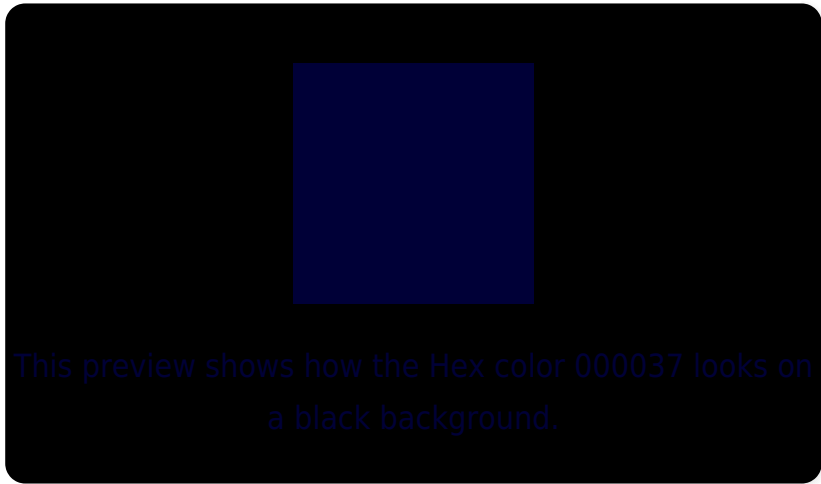
Large Text (above 18pt) WCAG AA ✓ Pass

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

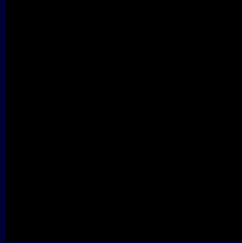
Any Text WCAG AA × Fail

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 000037 Background



This preview shows how black text looks on a background with the Hex color 000037.



This preview shows how white text looks on a background with the Hex color 000037.

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
000037

Protanopia
001022

Deuteranopia
00111D



Tritanopia
001213

Trichromacy



Original Color
000037

Protanomaly
000A2A

Deuteranomaly
000B26

Tritanomaly
000B20

Monochromacy



Original Color
000037

Achromatopsia
060606

Achromatomaly
040418

CSS Examples

Text

The CSS property to change the color of the text to Hex 000037 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 #000037 looks like.

```
.text, #text, p{  
    color:#000037  
}
```

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 #000037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000037
}
```

Border

The CSS property to change the border of an element to Hex 000037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

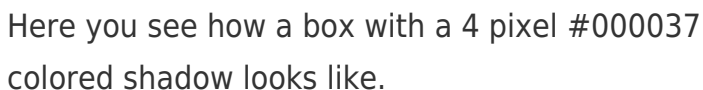
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#000037 }
```

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

```
.border{ border-color:#000037 }
```

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



Here you see how a box with a 4 pixel #000037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000037; -webkit-box-shadow:4px 4px  
4px 4px #000037; box-shadow:4px 4px 4px  
4px #000037 }
```

Background

The CSS property to change the background color of an element to Hex 000037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000037 }
```

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

```
.background{ background-color:#000037 }
```

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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