

Converting Colors

Hex(030037)

Have a look what the booklet for
Hex(030037) contains.

Hex(030037)	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(030037)

Conversions

Conversions Part 1

Format	Color
Hex	030037
RGB	3, 0, 55
RGB Percent	1%, 0%, 22%
CMY	0.9882, 1.0000, 0.7843
CMYK	0.95, 1.00, 0.00, 0.78
HSL	243°, 100%, 11%
HSV	243°, 100%, 22%
XYZ	0.7271, 0.2952, 3.6331
YIQ	7.1670, -15.8670, 17.7410

Conversions

Conversions Part 2

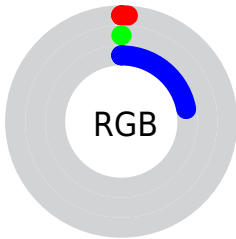
Format	Color
R_{YB}	3, 0, 55
Decimal	196663
CIE _{Lab}	2.67, 18.29, -32.20
CIE _{LCh}	3, 37.037, 299.598
Yxy	0.2952, 0.1562, 0.0634
Android (android.graphics.Color)	4278386743 (0xFF030037)
YUV	7.1670, 23.5817, -3.6545
Hunter-Lab	5.4332, 14.3812, -35.8431

Details

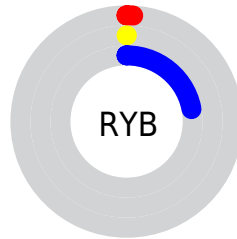
The Hex color **030037** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **343700**, and the grayscale version is **070707**.

A 20% lighter version of the original color is **332F66**, and **000006** is the 20% darker color. If you saturate the color by 10%, you get **030037**, and if you desaturate by 10%, it is **080537**.

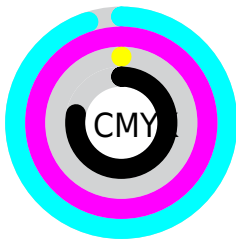
Distribution



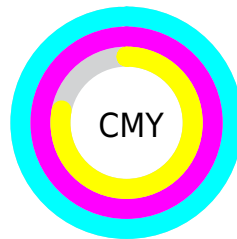
- Red (1%)
- Green (0%)
- Blue (22%)



- Red (1%)
- Yellow (0%)
- Blue (22%)



- Cyan (95%)
- Magenta (100%)
- Yellow (0%)
- Black (78%)



- Cyan (99%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Hex color 030037 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 030037 by changing the saturation by 10% instead.

 030037

 030037

 EEE1FF

 000221

 332F66

 000006

 4C4580

 000000

 665D9A

 8076B5

 9A8FD1

 B6AAED

 D2C5FF

 030037

■ 080537

■ 0D0B37

■ 131137

■ 181637

■ 1D1C37

■ 222137

■ 272737

■ 2D2C37

■ 323237

Harmonies

Analogous

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



000F3D



030037



280026

Triad

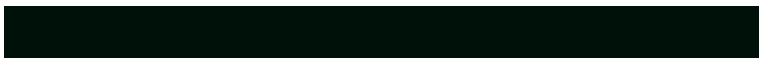
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



030037



260000



001109

Complementary

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



030037



343700

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.



001100



030037



0F0900

Square

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



030037



310000



001100



001224

Rectangle

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



030037



310017



001100

Sweetspot

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



030037



333247



003437



181724



A3A3A3



242424

Same Dimension

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



030037



040047



1E0037



19191C



05005C



0C00DB

Inverse Universe

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



370034



470044



193700



1C191C



5C0057



DB00CF

Previews

White Background



This preview shows how the Hex color 030037 looks on a white background.

Color Contrast Check

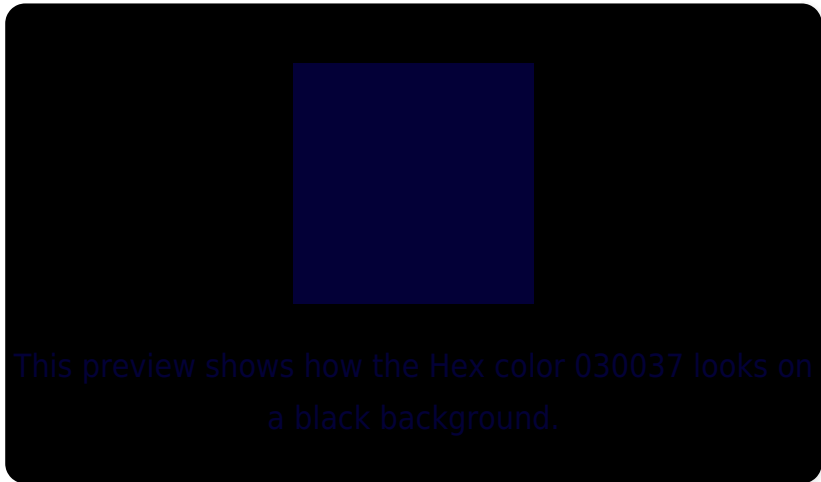
Large Text (above 18pt) WCAG AA ✓ Pass

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

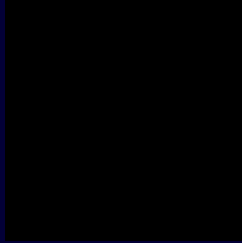
Any Text WCAG AA × Fail

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 030037 Background



This preview shows how black text looks on a background with the Hex color 030037.



This preview shows how white text looks on a background with the Hex color 030037.

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
030037

Protanopia
001022

Deuteranopia
00111D



Tritanopia
001313

Trichromacy



Original Color

030037

Protanomaly

010A2A

Deuteranomaly

010B26

Tritanomaly

010C20

Monochromacy



Original Color

030037

Achromatopsia

070707

Achromatomaly

060418

CSS Examples

Text

The CSS property to change the color of the text to Hex 030037 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 #030037 looks like.

```
.text, #text, p{  
    color:#030037  
}
```

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 #030037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #030037
}
```

Border

The CSS property to change the border of an element to Hex 030037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

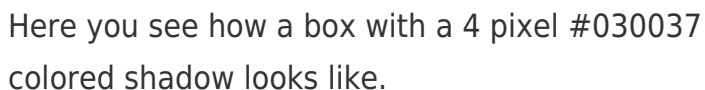
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#030037 }
```

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

```
.border{ border-color:#030037 }
```

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



Here you see how a box with a 4 pixel #030037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #030037; -webkit-box-shadow:4px 4px  
4px 4px #030037; box-shadow:4px 4px 4px  
4px #030037 }
```

Background

The CSS property to change the background color of an element to Hex 030037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#030037 }
```

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

```
.background{ background-color:#030037 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor