

Converting Colors

Hex(003037)

Have a look what the booklet for
Hex(003037) contains.

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Color

Hex(003037)

Conversions

Conversions Part 1

Format	Color
Hex	003037
RGB	0, 48, 55
RGB Percent	0%, 19%, 22%
CMY	1.0000, 0.8118, 0.7843
CMYK	1.00, 0.13, 0.00, 0.78
HSL	188°, 100%, 11%
HSV	188°, 100%, 22%
XYZ	1.7465, 2.3897, 3.9836
YIQ	34.4460, -30.8550, -7.9990

Conversions

Conversions Part 2

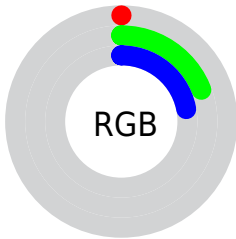
Format	Color
RYB	0, 26, 55
Decimal	12343
CIELab	17.41, -12.08, -8.79
CIELCh	17, 14.936, 216.041
Yxy	2.3897, 0.2151, 0.2943
Android (android.graphics.Color)	4278202423 (0xFF003037)
YUV	34.4460, 10.1331, -30.2091
Hunter-Lab	15.4588, -6.8859, -4.4576

Details

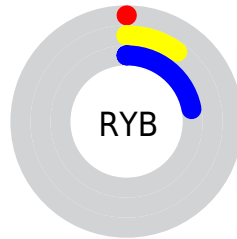
The Hex color **003037** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **370700**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **355E66**, and **00000B** is the 20% darker color. If you saturate the color by 10%, you get **003037**, and if you desaturate by 10%, it is **053137**.

Distribution



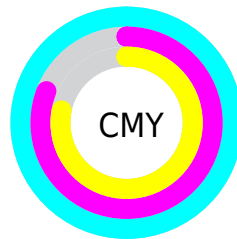
- Red (0%)
- Green (19%)
- Blue (22%)



- Red (0%)
- Yellow (10%)
- Blue (22%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (78%)




- Cyan (100%)
- Magenta (81%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003037 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 003037 by changing the saturation by 10% instead.

 003037

 003037

 F0FFFF

 001C22

 355E66

 00000B

 4E777F

 000000

 679199

 81ABB3

 9CC7CF

 B7E3EB

 D4FFFF

 003037

■ 053137

■ 0B3137

■ 113237

■ 163337

■ 1C3437

■ 213437

■ 273537

■ 2C3637

■ 323637

Harmonies

Analogous

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



08302D



003037



0B2E3E

Triad

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



003037



3A2434



302B15

Complementary

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



003037



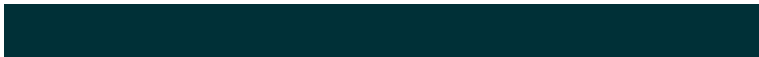
370700

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.



392717



003037



3F2229

Square

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



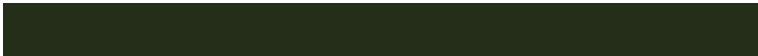
003037



2F273C



3F241F



242E19

Rectangle

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



003037



192C40



3F241F



332A15

Sweetspot

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



003037



324547



003706



172224



A3A3A3



242424

Same Dimension

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



003037



003E47



001537



191C1C



00505C



00BFDB

Inverse Universe

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



370030



47003E



372200



1C191C



5C0050



DB00BF

Previews

White Background



This preview shows how the Hex color 003037 looks on a white background.

Color Contrast Check

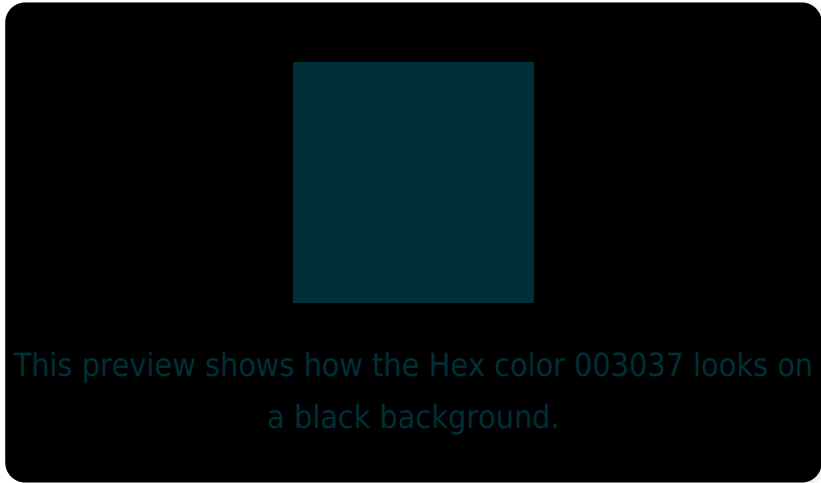
Large Text (above 18pt) WCAG AA ✓ Pass

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

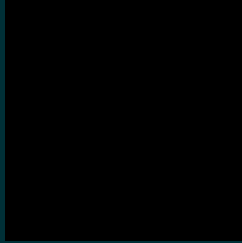
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

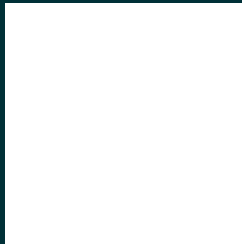
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 003037 Background



This preview shows how black text looks on a background with the Hex color 003037.



This preview shows how white text looks on a background with the Hex color 003037.

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
003037

Protanopia
2A2B34

Deuteranopia
292B38

Trichromacy



Original Color
003037

Protanomaly
1B2D35

Deuteranomaly
1A2D38

Tritanomaly
003035

Monochromacy



Original Color
003037

Achromatopsia
222222

Achromatomaly
16272A

CSS Examples

Text

The CSS property to change the color of the text to Hex 003037 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 #003037 looks like.

```
.text, #text, p{  
    color:#003037  
}
```

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 #003037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003037
}
```

Border

The CSS property to change the border of an element to Hex 003037 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
#003037 }
```

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

```
.border{ border-color:#003037 }
```

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

Here you see how a box with a 4 pixel #003037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003037; -webkit-box-shadow:4px 4px  
4px 4px #003037; box-shadow:4px 4px 4px  
4px #003037 }
```

Background

The CSS property to change the background color of an element to Hex 003037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003037 }
```

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

```
.background{ background-color:#003037 }
```

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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