

Converting Colors

Hex(00371B)

Have a look what the booklet for
Hex(00371B) contains.

Hex(00371B)	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(00371B)

Conversions

Conversions Part 1

Format	Color
Hex	00371B
RGB	0, 55, 27
RGB Percent	0%, 22%, 11%
CMY	1.0000, 0.7843, 0.8941
CMYK	1.00, 0.00, 0.51, 0.78
HSL	149°, 100%, 11%
HSV	149°, 100%, 22%
XYZ	1.5640, 2.8115, 1.4972
YIQ	35.3630, -23.7920, -20.3680

Conversions

Conversions Part 2

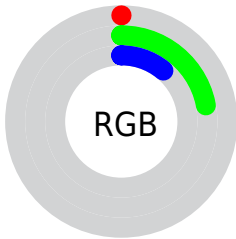
Format	Color
RYB	0, 37, 55
Decimal	14107
CIELab	19.27, -24.86, 12.90
CIELCh	19, 28.009, 152.575
Yxy	2.8115, 0.2663, 0.4787
Android (android.graphics.Color)	4278204187 (0xFF00371B)
YUV	35.3630, -4.1230, -31.0134
Hunter-Lab	16.7676, -12.6934, 6.4434

Details

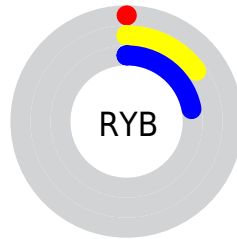
The Hex color **00371B** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **37001C**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **356747**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00371B**, and if you desaturate by 10%, it is **05371E**.

Distribution



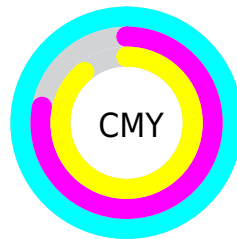
- Red (0%)
- Green (22%)
- Blue (11%)



- Red (0%)
- Yellow (15%)
- Blue (22%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (78%)



- Cyan (100%)
- Magenta (78%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00371B 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 00371B by changing the saturation by 10% instead.

 00371B

 00371B

 EFFFFFF

 002201

 356747

 000000

 4D805E

 669A77

 80B591

 9BD1AC

 B6EDC7

 D2FFE3

 00371B

■ 05371E

■ 0B3721

■ 113723

■ 163726

■ 1C3729

■ 21372C

■ 27372F

■ 2C3731

■ 323734

Harmonies

Analogous

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



233408



00371B



003830

Triad

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



00371B



003158



521F1A

Complementary

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



00371B



37001C

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.



531B2E



00371B



312951

Square

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



00371B



003653



492042



482708

Rectangle

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



00371B



00383E



492042



531D20

Sweetspot

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



00371B



32473C



1C3700



17241D



A3A3A3



242424

Same Dimension

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



00371B



004723



003736



191C1B



005C2D



00DB6C

Inverse Universe

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



37001C



470024



370001



1C191B



5C002F



DB0070

Previews

White Background



This preview shows how the Hex color 00371B looks on a white background.

Color Contrast Check

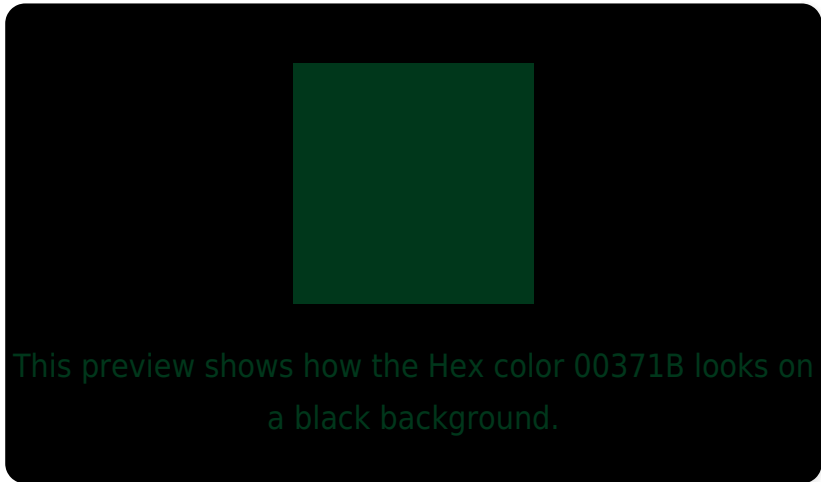
Large Text (above 18pt) WCAG AA ✓ Pass

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

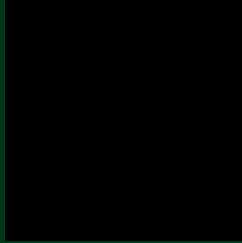
Any Text WCAG AA × Fail

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 00371B Background



This preview shows how black text looks on a background with the Hex color 00371B.



This preview shows how white text looks on a background with the Hex color 00371B.

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](#).

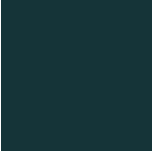
Dichromacy



Original Color
00371B

Protanopia
342F18

Deuteranopia
392D1D



Tritanopia
153438

Trichromacy



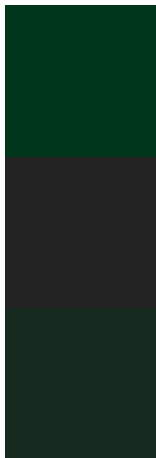
Original Color
00371B

Protanomaly
213219

Deuteranomaly
24311C

Tritanomaly
0D352D

Monochromacy



Original Color
00371B

Achromatopsia
232323

Achromatomaly
162A20

CSS Examples

Text

The CSS property to change the color of the text to Hex 00371B 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 #00371B looks like.

```
.text, #text, p{  
    color:#00371B  
}
```

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 #00371B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00371B
}
```

Border

The CSS property to change the border of an element to Hex 00371B 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
#00371B }
```

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

```
.border{ border-color:#00371B }
```

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

Here you see how a box with a 4 pixel #00371B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00371B; -webkit-box-shadow:4px 4px  
4px 4px #00371B; box-shadow:4px 4px 4px  
4px #00371B }
```

Background

The CSS property to change the background color of an element to Hex 00371B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00371B }
```

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

```
.background{ background-color:#00371B }
```

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