

Converting Colors

Hex(00341B)

Have a look what the booklet for
Hex(00341B) contains.

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Color

Hex(00341B)

Conversions

Conversions Part 1

Format	Color
Hex	00341B
RGB	0, 52, 27
RGB Percent	0%, 20%, 11%
CMY	1.0000, 0.7961, 0.8941
CMYK	1.00, 0.00, 0.48, 0.80
HSL	151°, 100%, 10%
HSV	151°, 100%, 20%
XYZ	1.4258, 2.5351, 1.4511
YIQ	33.6020, -22.9670, -18.7990

Conversions

Conversions Part 2

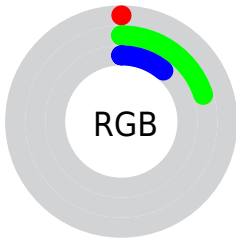
Format	Color
RYB	0, 34, 52
Decimal	13339
CIELab	18.08, -23.57, 11.34
CIELCh	18, 26.152, 154.315
Yxy	2.5351, 0.2635, 0.4684
Android (android.graphics.Color)	4278203419 (0xFF00341B)
YUV	33.6020, -3.2548, -29.4690
Hunter-Lab	15.9220, -11.8789, 5.7419

Details

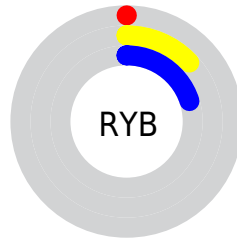
The Hex color **00341B** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **340019**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **336347**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00341B**, and if you desaturate by 10%, it is **05341D**.

Distribution



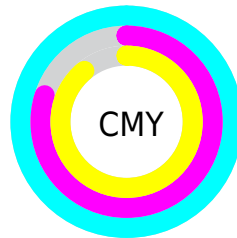
- Red (0%)
- Green (20%)
- Blue (11%)



- Red (0%)
- Yellow (13%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00341B 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 00341B by changing the saturation by 10% instead.

 00341B

 00341B

 EDFFFF

 002001

 336347

 000000

 4C7C5E

 659677

 7FB191

 99CDAB

 B5E9C7

 D0FFE3

 00341B

■ 05341D

■ 0A3420

■ 103423

■ 153425

■ 1A3427

■ 1F342A

■ 24342D

■ 2A342F

■ 2F3431

Harmonies

Analogous

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



203109



00341B



00352E

Triad

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



00341B



032D52



4C1E18

Complementary

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



00341B



340019

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.



4E1A2A



00341B



30264B

Square

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



00341B



00324E



451E3D



432507

Rectangle

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



00341B



00353B



451E3D



4E1C1E

Sweetspot

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



00341B



30453B



193400



17241E



A3A3A3



242424

Same Dimension

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



00341B



004524



003334



171A18



00592E



00D971

Inverse Universe

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



340019



450021



340100



1A1718



59002B



D90068

Previews

White Background



This preview shows how the Hex color 00341B looks on a white background.

Color Contrast Check

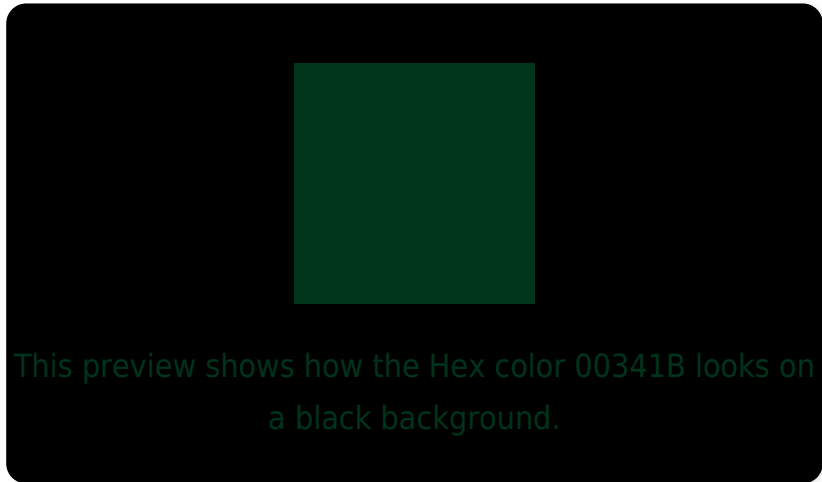
Large Text (above 18pt) WCAG AA ✓ Pass

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

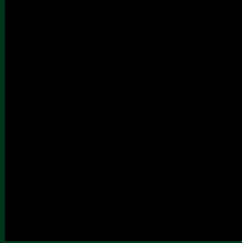
Any Text WCAG AA × Fail

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 00341B Background



This preview shows how black text looks on a background with the Hex color 00341B.



This preview shows how white text looks on a background with the Hex color 00341B.

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](#).

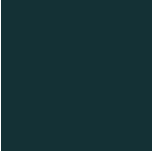
Dichromacy



Original Color
00341B

Protanopia
312D18

Deuteranopia
362B1D



Tritanopia
143135

Trichromacy



Original Color
00341B

Protanomaly
1F3019

Deuteranomaly
222E1C

Tritanomaly
0D322C

Monochromacy



Original Color
00341B

Achromatopsia
222222

Achromatomaly
16291F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00341B 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 #00341B looks like.

```
.text, #text, p{  
    color:#00341B  
}
```

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 #00341B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00341B
}
```

Border

The CSS property to change the border of an element to Hex 00341B 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".

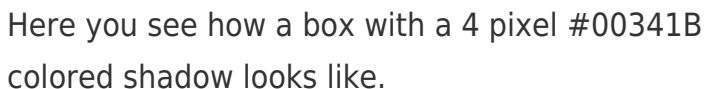
```
.border, #border, table{ border:4px solid
#00341B }
```

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

```
.border{ border-color:#00341B }
```

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

Here you see how a box with a 4 pixel #00341B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00341B; -webkit-box-shadow:4px 4px  
4px 4px #00341B; box-shadow:4px 4px 4px  
4px #00341B }
```

Background

The CSS property to change the background color of an element to Hex 00341B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00341B }
```

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

```
.background{ background-color:#00341B }
```

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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