

Converting Colors

Hex(04341B)

Have a look what the booklet for
Hex(04341B) contains.

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Color

Hex(04341B)

Conversions

Conversions Part 1

Format	Color
Hex	04341B
RGB	4, 52, 27
RGB Percent	2%, 20%, 11%
CMY	0.9843, 0.7961, 0.8941
CMYK	0.92, 0.00, 0.48, 0.80
HSL	149°, 86%, 11%
HSV	149°, 92%, 20%
XYZ	1.4759, 2.5609, 1.4534
YIQ	34.7980, -20.5830, -17.9510

Conversions

Conversions Part 2

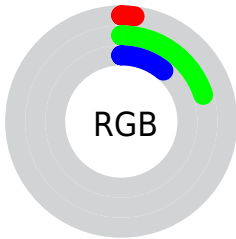
Format	Color
R_{YB}	4, 36, 52
Decimal	275483
CIE _{Lab}	18.19, -22.64, 11.51
CIE _{LCh}	18, 25.395, 153.053
Yxy	2.5609, 0.2688, 0.4665
Android (android.graphics.Color)	4278465563 (0xFF04341B)
YUV	34.7980, -3.8444, -27.0098
Hunter-Lab	16.0029, -11.5426, 5.8171

Details

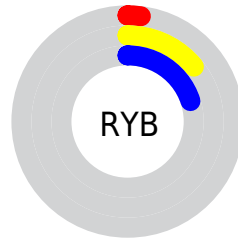
The Hex color **04341B** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **34041D**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **366347**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003419**, and if you desaturate by 10%, it is **09341E**.

Distribution



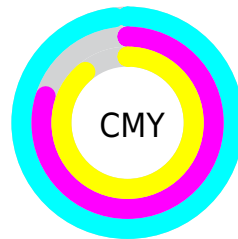
- Red (2%)
- Green (20%)
- Blue (11%)



- Red (2%)
- Yellow (14%)
- Blue (20%)



- Cyan (92%)
- Magenta (0%)
- Yellow (48%)
- Black (80%)



- Cyan (98%)
- Magenta (80%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04341B 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 04341B by changing the saturation by 10% instead.

 04341B

 04341B

 F0FFFF

 002001

 366347

 000000

 4F7C5E

 689677

 81B191

 9CCDAB

 B7E9C7

 D3FFE3

 04341B

 04341B

■ 003419

■ 09341E

■ 0E3420

■ 143423

■ 193426

■ 1E3429

■ 23342B

■ 28342E

■ 2E3431

■ 333433

Harmonies

Analogous

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



22310B



04341B



00352E

Triad

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



04341B



032E51



4C1E19

Complementary

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



04341B



34041D

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.



4D1B2B



04341B



2F274B

Square

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



04341B



00334D



441F3D



43250A

Rectangle

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



04341B



00353A



441F3D



4E1D1F

Sweetspot

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



04341B



32453B



1E3404



18241D



A3A3A3



242424

Same Dimension

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



04341B



004521



043432



171A18



00592B



00D968

Inverse Universe

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



34041D



450024



340406



1A1718



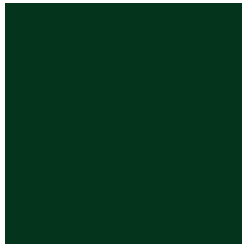
59002E



D90071

Previews

White Background



This preview shows how the Hex color 04341B looks on a white background.

Color Contrast Check

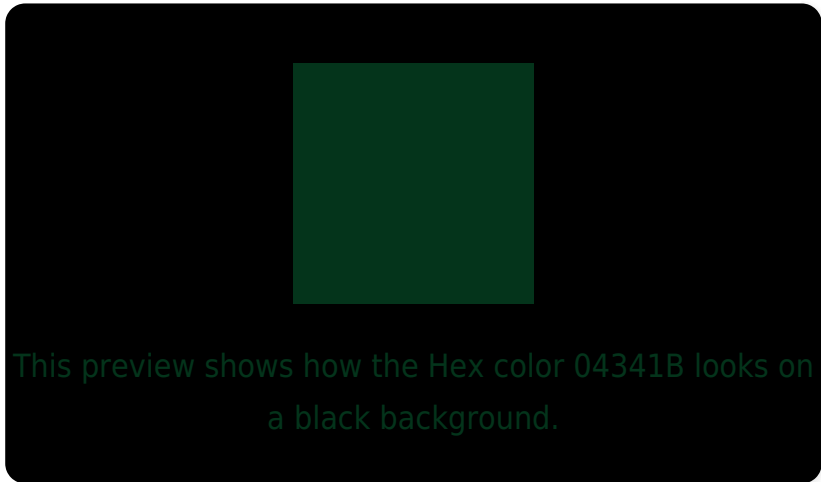
Large Text (above 18pt) WCAG AA ✓ Pass

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

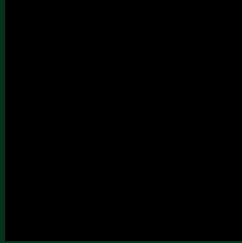
Any Text WCAG AA × Fail

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 04341B Background



This preview shows how black text looks on a background with the Hex color 04341B.



This preview shows how white text looks on a background with the Hex color 04341B.

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](#).

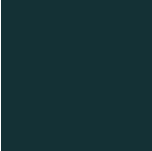
Dichromacy



Original Color
04341B

Protanopia
312D18

Deuteranopia
362B1D



Tritanopia
143135

Trichromacy



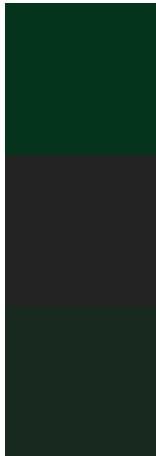
Original Color
04341B

Protanomaly
213019

Deuteranomaly
242E1C

Tritanomaly
0E322C

Monochromacy



Original Color
04341B

Achromatopsia
232323

Achromatomaly
182920

CSS Examples

Text

The CSS property to change the color of the text to Hex 04341B 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 #04341B looks like.

```
.text, #text, p{  
    color:#04341B  
}
```

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 #04341B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04341B
}
```

Border

The CSS property to change the border of an element to Hex 04341B 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".

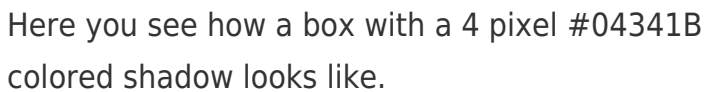
```
.border, #border, table{ border:4px solid
#04341B }
```

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

```
.border{ border-color:#04341B }
```

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

Here you see how a box with a 4 pixel #04341B colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04341B; -webkit-box-shadow:4px 4px  
4px 4px #04341B; box-shadow:4px 4px 4px  
4px #04341B }
```

Background

The CSS property to change the background color of an element to Hex 04341B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04341B }
```

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

```
.background{ background-color:#04341B }
```

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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