

Converting Colors

Hex(00241B)

Have a look what the booklet for
Hex(00241B) contains.

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Color

Hex(00241B)

Conversions

Conversions Part 1

Format	Color
Hex	00241B
RGB	0, 36, 27
RGB Percent	0%, 14%, 11%
CMY	1.0000, 0.8588, 0.8941
CMYK	1.00, 0.00, 0.25, 0.86
HSL	165°, 100%, 7%
HSV	165°, 100%, 14%
XYZ	0.8287, 1.3409, 1.2520
YIQ	24.2100, -18.5670, -10.4310

Conversions

Conversions Part 2

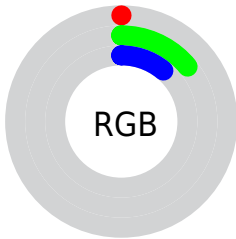
Format	Color
RYB	0, 21, 36
Decimal	9243
CIELab	11.56, -15.87, 2.37
CIELCh	12, 16.050, 171.500
Yxy	1.3409, 0.2422, 0.3919
Android (android.graphics.Color)	4278199323 (0xFF00241B)
YUV	24.2100, 1.3755, -21.2322
Hunter-Lab	11.5797, -7.4899, 1.6950

Details

The Hex color **00241B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **240009**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **2D5146**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00241B**, and if you desaturate by 10%, it is **04241C**.

Distribution



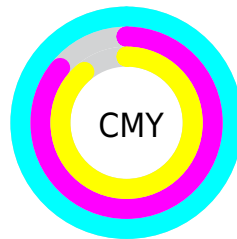
- Red (0%)
- Green (14%)
- Blue (11%)



- Red (0%)
- Yellow (8%)
- Blue (14%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (86%)



- Cyan (100%)
- Magenta (86%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00241B 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 00241B by changing the saturation by 10% instead.



00241B



00241B



E3FFFE



000B00



2D5146



000000



45695E



5D8376



769D90



90B8AA



ABD3C6



C7F0E2



00241B

■ 04241C

■ 07241D

■ 0B241E

■ 0E241F

■ 122420

■ 162420

■ 192421

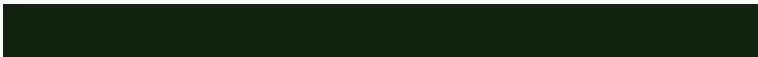
■ 1D2422

■ 202423

Harmonies

Analogous

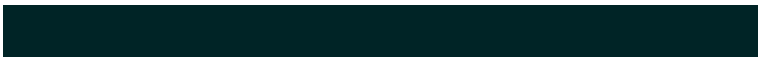
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



112310



00241B



002426

Triad

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



00241B



1A1D33



30190C

Complementary

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



00241B



240009

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.



331617



00241B



29192C

Square

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



00241B



032134



311622



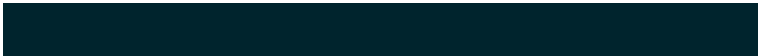
291D03

Rectangle

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



00241B



00242D



311622



311810

Sweetspot

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



00241B



202E2A



092400



0F1715



969696



171717

Same Dimension

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



00241B



002E22



001B24



101211



00523D



00D19D

Inverse Universe

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



240009



2E000B



240900



121011



520014



D10034

Previews

White Background



This preview shows how the Hex color 00241B looks on a white background.

Color Contrast Check

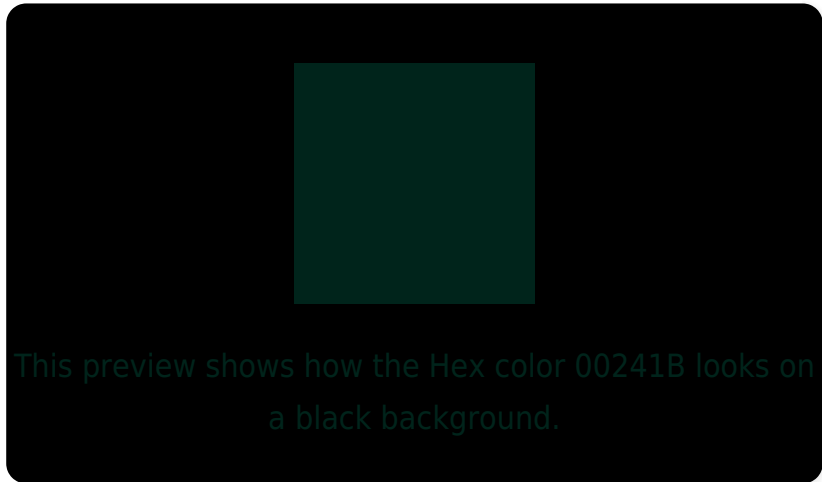
Large Text (above 18pt) WCAG AA ✓ Pass

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

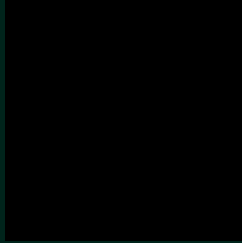
Any Text WCAG AA × Fail

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 00241B Background



This preview shows how black text looks on a background with the Hex color 00241B.



This preview shows how white text looks on a background with the Hex color 00241B.

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
00241B

Protanopia
211F19

Deuteranopia
241E1C

Trichromacy



Original Color
00241B

Protanomaly
15211A

Deuteranomaly
17201C

Tritanomaly
082321

Monochromacy



Original Color
00241B

Achromatopsia
181818

Achromatomaly
0F1C19

CSS Examples

Text

The CSS property to change the color of the text to Hex 00241B 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 #00241B looks like.

```
.text, #text, p{  
    color:#00241B  
}
```

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 #00241B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00241B
}
```

Border

The CSS property to change the border of an element to Hex 00241B is called "border". The border property can be set on classes, ids or directly on the HTML element.

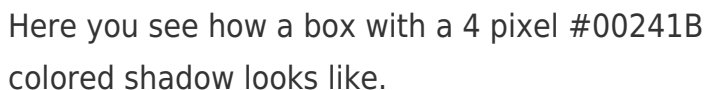
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00241B }
```

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

```
.border{ border-color:#00241B }
```

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



Here you see how a box with a 4 pixel #00241B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00241B; -webkit-box-shadow:4px 4px  
4px 4px #00241B; box-shadow:4px 4px 4px  
4px #00241B }
```

Background

The CSS property to change the background color of an element to Hex 00241B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00241B }
```

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

```
.background{ background-color:#00241B }
```

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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