

Converting Colors

Hex(00211B)

Have a look what the booklet for
Hex(00211B) contains.

Hex(00211B)	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(00211B)

Conversions

Conversions Part 1

Format	Color
Hex	00211B
RGB	0, 33, 27
RGB Percent	0%, 13%, 11%
CMY	1.0000, 0.8706, 0.8941
CMYK	1.00, 0.00, 0.18, 0.87
HSL	169°, 100%, 6%
HSV	169°, 100%, 13%
XYZ	0.7417, 1.1668, 1.2230
YIQ	22.4490, -17.7420, -8.8620

Conversions

Conversions Part 2

Format	Color
RYB	0, 18, 33
Decimal	8475
CIELab	10.31, -14.06, 0.57
CIELCh	10, 14.071, 177.670
Yxy	1.1668, 0.2368, 0.3726
Android (android.graphics.Color)	4278198555 (0xFF00211B)
YUV	22.4490, 2.2436, -19.6878
Hunter-Lab	10.8021, -6.6475, 0.8484

Details

The Hex color **00211B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **210006**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **2D4D46**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00211B**, and if you desaturate by 10%, it is **03211C**.

Distribution



- Red (0%)
- Green (13%)
- Blue (11%)



- Red (0%)
- Yellow (7%)
- Blue (13%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (87%)



- Cyan (100%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00211B 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 00211B by changing the saturation by 10% instead.

 00211B

 00211B

 E2FFFE

 000200

 2D4D46

 000000

 44665E

 5C7F76

 759990

 8FB3AA

 AACFC6

 C6EBE2

 00211B

■ 03211C

■ 07211C

■ 0A211D

■ 0D211D

■ 11211E

■ 14211F

■ 17211F

■ 1A2120

■ 1E2120

Harmonies

Analogous

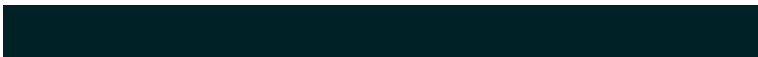
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0E2011



00211B



002125

Triad

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



00211B



1C1A2D



2A1809

Complementary

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



00211B



210006

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.



2E1514



00211B



271626

Square

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



00211B



0B1D2F



2D141D



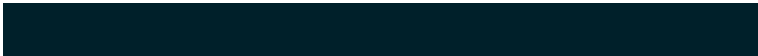
241B03

Rectangle

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



00211B



00202A



2D141D



2C170D

Sweetspot

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



00211B



1E2B29



062100



0F1715



969696



171717

Same Dimension

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



00211B



002B23



001721



0E0F0F



004F41



00CFA9

Inverse Universe

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



210006



2B0008



210A00



0F0E0E



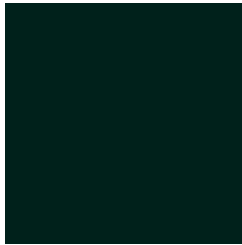
4F000E



CF0026

Previews

White Background



This preview shows how the Hex color 00211B looks on a white background.

Color Contrast Check

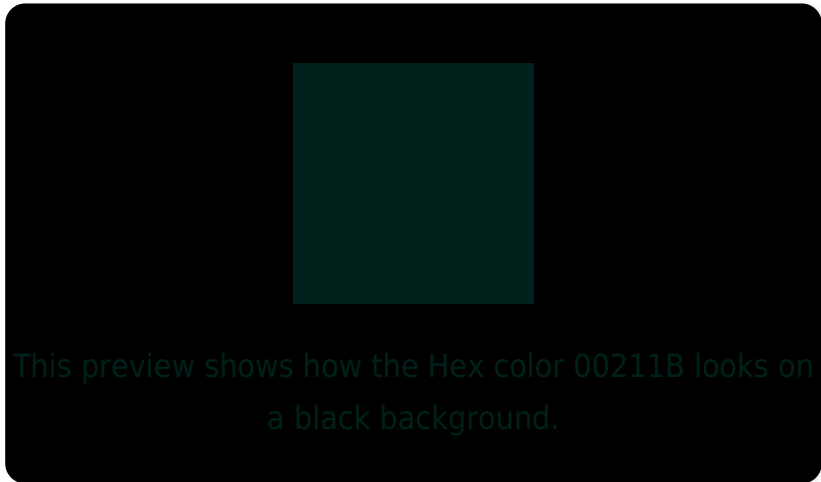
Large Text (above 18pt) WCAG AA ✓ Pass

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

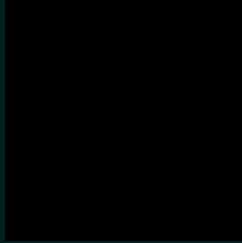
Any Text WCAG AA × Fail

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 00211B Background



This preview shows how black text looks on a background with the Hex color 00211B.



This preview shows how white text looks on a background with the Hex color 00211B.

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

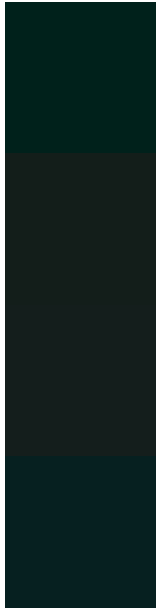


Original Color
00211B

Protanopia
1E1D19

Deuteranopia
201C1C

Trichromacy



Original Color
00211B

Protanomaly
131E1A

Deuteranomaly
141E1C

Tritanomaly
062020

Monochromacy



Original Color
00211B

Achromatopsia
161616

Achromatomaly
0E1A18

CSS Examples

Text

The CSS property to change the color of the text to Hex 00211B 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 #00211B looks like.

```
.text, #text, p{  
    color:#00211B  
}
```

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 #00211B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00211B
}
```

Border

The CSS property to change the border of an element to Hex 00211B 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
#00211B }
```

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

```
.border{ border-color:#00211B }
```

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

Here you see how a box with a 4 pixel #00211B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00211B; -webkit-box-shadow:4px 4px  
4px 4px #00211B; box-shadow:4px 4px 4px  
4px #00211B }
```

Background

The CSS property to change the background color of an element to Hex 00211B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00211B }
```

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

```
.background{ background-color:#00211B }
```

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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