

# Converting Colors

Hex(00211E)

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

<b>Hex(00211E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(00211E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00211E
RGB	0, 33, 30
RGB Percent	0%, 13%, 12%
CMY	1.0000, 0.8706, 0.8824
CMYK	1.00, 0.00, 0.09, 0.87
HSL	175°, 100%, 6%
HSV	175°, 100%, 13%
XYZ	0.7782, 1.1815, 1.4153
YIQ	22.7910, -18.7050, -7.9290

# Conversions

## Conversions Part 2

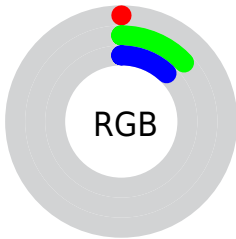
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 17, 33
Decimal	8478
CIELab	10.42, -13.03, -1.47
CIELCh	10, 13.118, 186.450
Yxy	1.1815, 0.2306, 0.3501
Android (android.graphics.Color)	4278198558 (0xFF00211E)
YUV	22.7910, 3.5540, -19.9877
Hunter-Lab	10.8695, -6.2418, -0.1116

# Details

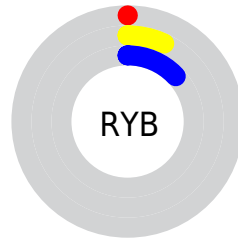
The Hex color **00211E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **210003**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **2D4D4A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00211E**, and if you desaturate by 10%, it is **03211E**.

# Distribution



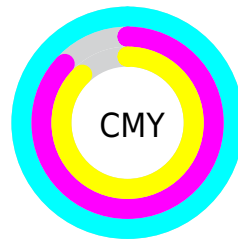
- Red (0%)
- Green (13%)
- Blue (12%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (87%)



- Cyan (100%)
- Magenta (87%)
- Yellow (88%)

# Brightness & Saturation Gradients

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



 00211E

 00211E

 E2FFFF

 000305

 2D4D4A

 000000

 446561

 5D7F7A

 769994

 90B3AE

 ABCFCA

 C6EBE6

 00211E

■ 03211E

■ 07211F

■ 0A211F

■ 0D211F

■ 112120

■ 142120

■ 172120

■ 1A2120

■ 1E2121

# Harmonies

## Analogous

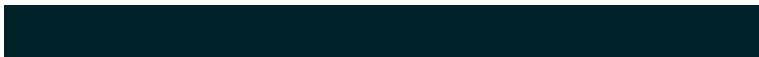
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0B2015



00211E



002127

# Triad

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



00211E



20192B



281909

# Complementary

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



00211E



210003

# 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.



2D1612



00211E



291624

# Square

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



00211E



121D2E



2D151B



211C06

# Rectangle

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



00211E



00202B



2D151B



2A180C



# Sweetspot

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



00211E



1E2B2A



032100



0F1716



969696



171717



# Same Dimension

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



00211E



002B27



001421



0E0F0F



004F48



00CFBC



# Inverse Universe

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



210003



2B0004



210D00



0F0E0E



4F0007

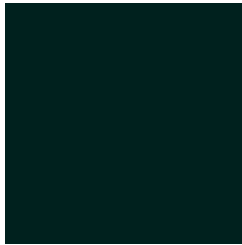


CF0013



# Previews

## White Background



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

## Color Contrast Check

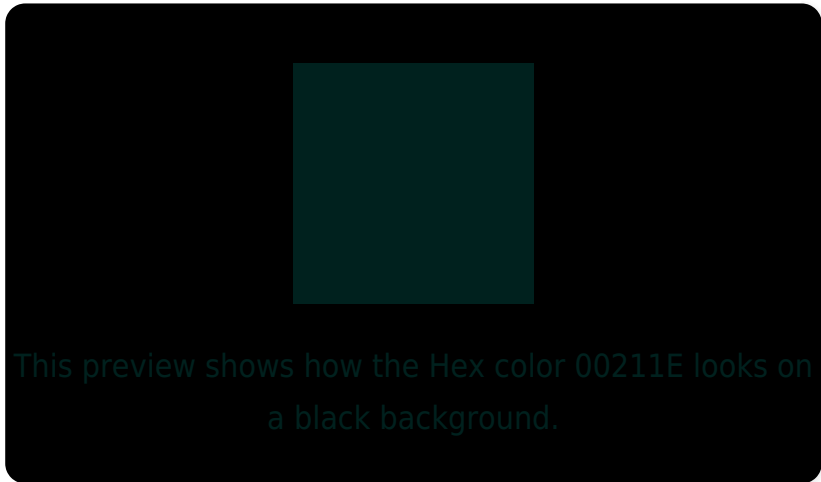
Large Text (above 18pt) WCAG AA ✓ Pass

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

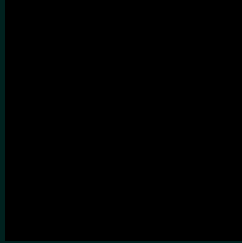
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00211E Background



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



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

# 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**  
00211E

**Protanopia**  
1E1D1C

**Deuteranopia**  
1F1C1F



# Trichromacy



**Original Color**  
00211E

**Protanomaly**  
131E1D

**Deuteranomaly**  
141E1F

**Tritanomaly**  
052021

# Monochromacy



**Original Color**  
00211E

**Achromatopsia**  
171717

**Achromatomaly**  
0F1B1A

# CSS Examples

## Text

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

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

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 #00211E colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 00211E 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".

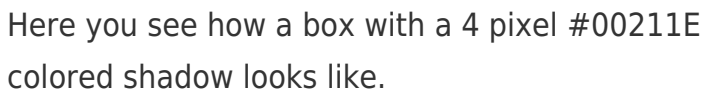
```
.border, #border, table{ border:4px solid
#00211E }
```

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

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

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

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

A rectangular box with a thick black border and a dark blue shadow. The shadow is visible on the right and bottom edges of the box, indicating a 4-pixel offset in both directions.

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

# Background

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

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

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

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

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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