

Converting Colors

Hex(00271E)

Have a look what the booklet for
Hex(00271E) contains.

Hex(00271E)	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(00271E)

Conversions

Conversions Part 1

Format	Color
Hex	00271E
RGB	0, 39, 30
RGB Percent	0%, 15%, 12%
CMY	1.0000, 0.8471, 0.8824
CMYK	1.00, 0.00, 0.23, 0.85
HSL	166°, 100%, 8%
HSV	166°, 100%, 15%
XYZ	0.9599, 1.5448, 1.4759
YIQ	26.3130, -20.3550, -11.0670

Conversions

Conversions Part 2

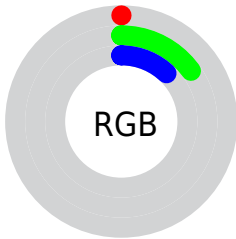
Format	Color
RYB	0, 22, 39
Decimal	10014
CIELab	12.89, -16.45, 2.12
CIELCh	13, 16.587, 172.643
Yxy	1.5448, 0.2411, 0.3881
Android (android.graphics.Color)	4278200094 (0xFF00271E)
YUV	26.3130, 1.8177, -23.0765
Hunter-Lab	12.4289, -7.9653, 1.6598

Details

The Hex color **00271E** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **270009**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **2F544A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00271E**, and if you desaturate by 10%, it is **04271F**.

Distribution



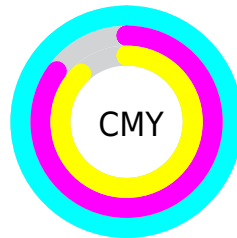
- Red (0%)
- Green (15%)
- Blue (12%)



- Red (0%)
- Yellow (9%)
- Blue (15%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (85%)



- Cyan (100%)
- Magenta (85%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00271E 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 00271E by changing the saturation by 10% instead.

 00271E

 00271E

 E5FFFF

 001205

 2F544A

 000000

 466D61

 5F867A

 78A094

 92BCAE

 ADD7CA

 C9F4E6

 00271E

■ 04271F

■ 082720

■ 0C2721

■ 102722

■ 142723

■ 172723

■ 1B2724

■ 1F2725

■ 232726

Harmonies

Analogous

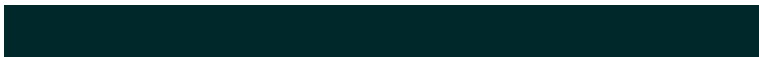
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



122613



00271E



00272A

Triad

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



00271E



1E1F36



331B0E

Complementary

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



00271E



270009

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.



371819



00271E



2D1B2F

Square

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



00271E



062338



351825



2B2007

Rectangle

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



00271E



002631



351825



351A12

Sweetspot

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



00271E



24332F



092700



101A17



999999



1A1A1A

Same Dimension

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



00271E



003327



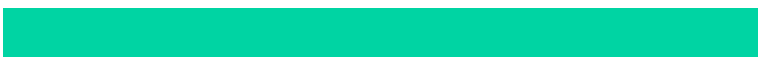
001D27



121414



005441



00D4A3

Inverse Universe

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



270009



33000C



270A00



141213



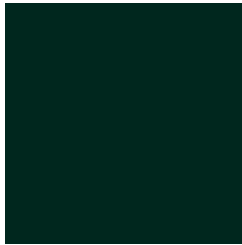
540013



D40031

Previews

White Background



This preview shows how the Hex color 00271E 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

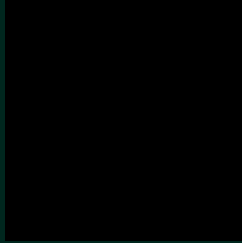
Any Text WCAG AA × Fail

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 00271E Background



This preview shows how black text looks on a background with the Hex color 00271E.



This preview shows how white text looks on a background with the Hex color 00271E.

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
00271E

Protanopia
24221C

Deuteranopia
26211F

Trichromacy



Original Color
00271E

Protanomaly
17241D

Deuteranomaly
18231F

Tritanomaly
082625

Monochromacy



Original Color
00271E

Achromatopsia
1A1A1A

Achromatomaly
111F1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00271E 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 #00271E looks like.

```
.text, #text, p{  
    color:#00271E  
}
```

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 #00271E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00271E
}
```

Border

The CSS property to change the border of an element to Hex 00271E 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
#00271E }
```

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

```
.border{ border-color:#00271E }
```

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

Here you see how a box with a 4 pixel #00271E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00271E; -webkit-box-shadow:4px 4px  
4px 4px #00271E; box-shadow:4px 4px 4px  
4px #00271E }
```

Background

The CSS property to change the background color of an element to Hex 00271E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00271E }
```

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

```
.background{ background-color:#00271E }
```

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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