

# Converting Colors

Hex(00291D)

Have a look what the booklet for  
Hex(00291D) contains.

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# Color

**Hex(00291D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00291D
RGB	0, 41, 29
RGB Percent	0%, 16%, 11%
CMY	1.0000, 0.8392, 0.8863
CMYK	1.00, 0.00, 0.29, 0.84
HSL	162°, 100%, 8%
HSV	162°, 100%, 16%
XYZ	1.0147, 1.6746, 1.4321
YIQ	27.3730, -20.5840, -12.4240

# Conversions

## Conversions Part 2

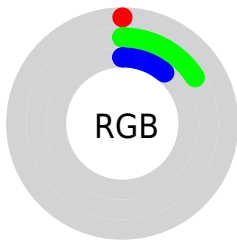
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 24, 41
Decimal	10525
CIELab	13.68, -17.82, 3.96
CIELCh	14, 18.258, 167.482
Yxy	1.6746, 0.2462, 0.4063
Android (android.graphics.Color)	4278200605 (0xFF00291D)
YUV	27.3730, 0.8021, -24.0061
Hunter-Lab	12.9406, -8.6493, 2.4967

# Details

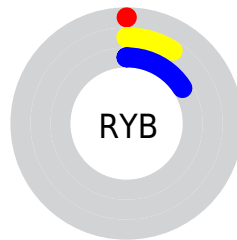
The Hex color **00291D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **29000C**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **2F5748**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00291D**, and if you desaturate by 10%, it is **04291E**.

# Distribution



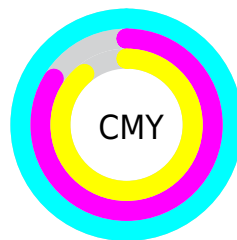
- Red (0%)
- Green (16%)
- Blue (11%)



- Red (0%)
- Yellow (9%)
- Blue (16%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (84%)



- Cyan (100%)
- Magenta (84%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00291D 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 00291D by changing the saturation by 10% instead.



 00291D

 00291D

 E6FFFF

 001503

 2F5748

 000000

 476F60

 608979

 79A393

 93BEAD

 AEDAC9

 CAF7E5

 00291D

■ 04291E

■ 08291F

■ 0C2921

■ 102922

■ 142923

■ 192924

■ 1D2925

■ 212927

■ 252928

# Harmonies

## Analogous

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



152711



00291D



00292A

# Triad

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



00291D



1B223B



371C10

# Complementary

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



00291D



29000C

# 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.



3B181C



00291D



2D1D34

# Square

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



00291D



00263C



381929



2F2006

# Rectangle

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



00291D



002932



381929



391A14



# Sweetspot

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



00291D



253631



0C2900



121C19



9C9C9C



1C1C1C



# Same Dimension

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



00291D



003626



002129



121414



00543C



00D496



# Inverse Universe

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



29000C



360010



290800



141213



540019



D4003E



# Previews

## White Background



This preview shows how the Hex color 00291D looks on a white background.

## Color Contrast Check

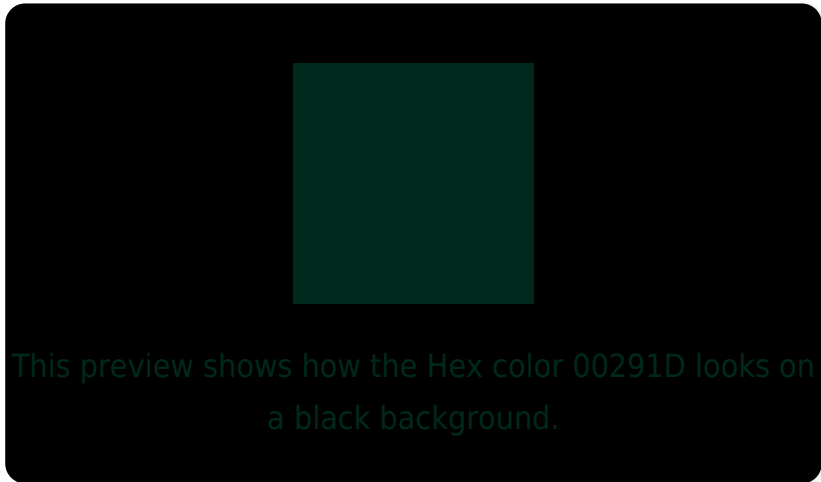
Large Text (above 18pt) WCAG AA ✓ Pass

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

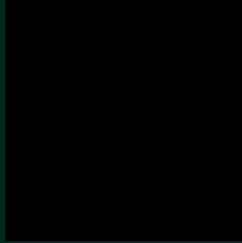
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 00291D Background



This preview shows how black text looks on a background with the Hex color 00291D.



This preview shows how white text looks on a background with the Hex color 00291D.

# 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**  
00291D

**Protanopia**  
26241B

**Deuteranopia**  
29221E



**Tritanopia**  
0E272A

# Trichromacy



**Original Color**  
00291D

**Protanomaly**  
18261C

**Deuteranomaly**  
1A251E

**Tritanomaly**  
092825

# Monochromacy



**Original Color**  
00291D

**Achromatopsia**  
1B1B1B

**Achromatomaly**  
11201C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00291D 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 #00291D looks like.

```
.text, #text, p{  
    color:#00291D  
}
```

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 #00291D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00291D
}
```

## Border

The CSS property to change the border of an element to Hex 00291D 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
#00291D }
```

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

```
.border{ border-color:#00291D }
```

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

Here you see how a box with a 4 pixel #00291D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00291D; -webkit-box-shadow:4px 4px  
4px 4px #00291D; box-shadow:4px 4px 4px  
4px #00291D }
```

# Background

The CSS property to change the background color of an element to Hex 00291D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00291D }
```

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

```
.background{ background-color:#00291D }
```

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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