

Converting Colors

Hex(02291A)

Have a look what the booklet for
Hex(02291A) contains.

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Color

Hex(02291A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 02291A |
| RGB | 2, 41, 26 |
| RGB Percent | 1%, 16%, 10% |
| CMY | 0.9922, 0.8392, 0.8980 |
| CMYK | 0.95, 0.00, 0.37, 0.84 |
| HSL | 157°, 91%, 8% |
| HSV | 157°, 95%, 16% |
| XYZ | 1.0044, 1.6734, 1.2473 |
| YIQ | 27.6290, -18.4290, -12.9330 |

Conversions

Conversions Part 2

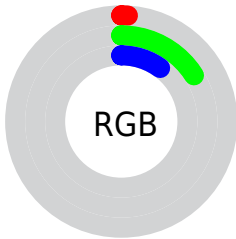
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 2, 26, 41 |
| Decimal | 141594 |
| CIE _{Lab} | 13.67, -18.17, 6.07 |
| CIE _{LCh} | 14, 19.154, 161.524 |
| Yxy | 1.6734, 0.2559, 0.4263 |
| Android (android.graphics.Color) | 4278331674 (0xFF02291A) |
| YUV | 27.6290, -0.8031, -22.4766 |
| Hunter-Lab | 12.9359, -8.7778, 3.3381 |

Details

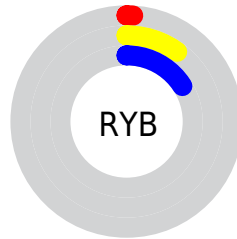
The Hex color **02291A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **290211**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **315745**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002919**, and if you desaturate by 10%, it is **06291C**.

Distribution



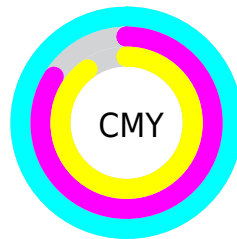
- Red (1%)
- Green (16%)
- Blue (10%)



- Red (1%)
- Yellow (10%)
- Blue (16%)



- Cyan (95%)
- Magenta (0%)
- Yellow (37%)
- Black (84%)



- Cyan (99%)
- Magenta (84%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02291A 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 02291A by changing the saturation by 10% instead.

 02291A

 02291A

 E8FFFD

 001500

 315745

 000000

 496F5D

 618975

 7AA38F

 95BEA9

 B0DAC5

 CBF7E1

 02291A

 02291A

■ 002919

■ 06291C

■ 0A291D

■ 0E291F

■ 122920

■ 162922

■ 1B2923

■ 1F2925

■ 232927

■ 272928

Harmonies

Analogous

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



17270D



02291A



002A28

Triad

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



02291A



15233D



391A12

Complementary

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



02291A



290211

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.



3C171E



02291A



2B1D37

Square

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



02291A



00273C



37192C



321F05

Rectangle

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



02291A



002930



37192C



3B1916

Sweetspot

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



02291A



263630



122902



121C18



9C9C9C



1C1C1C

Same Dimension

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



02291A



003621



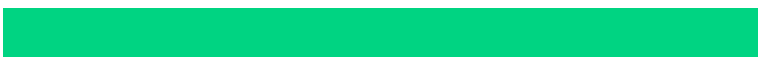
022529



121414



005434



00D482

Inverse Universe

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



290211



360015



290602



141213



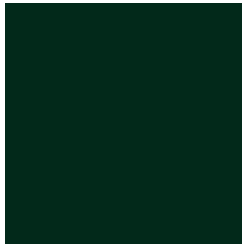
540020



D40051

Previews

White Background



This preview shows how the Hex color 02291A looks on a white background.

Color Contrast Check

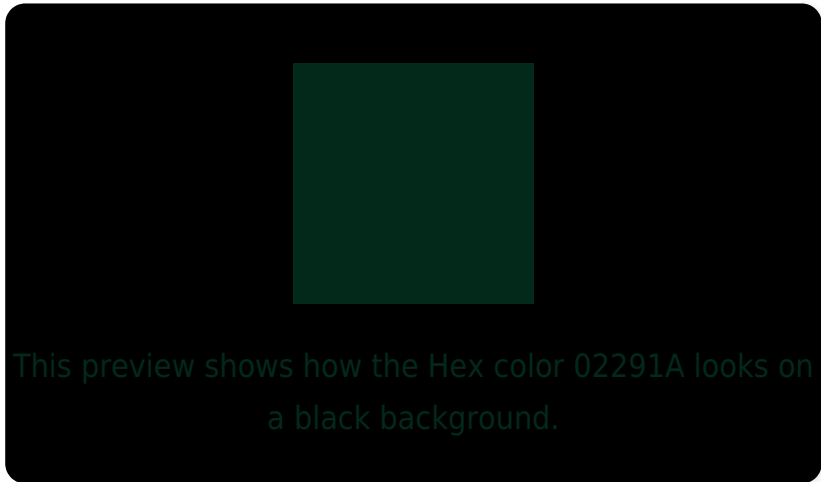
Large Text (above 18pt) WCAG AA ✓ Pass

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

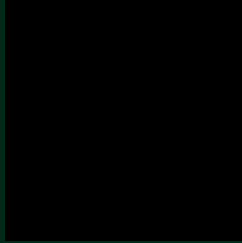
Any Text WCAG AA × Fail

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 02291A Background



This preview shows how black text looks on a background with the Hex color 02291A.



This preview shows how white text looks on a background with the Hex color 02291A.

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
02291A

Protanopia
272418

Deuteranopia
2A221C



Tritanopia
0F272A

Trichromacy



Original Color
02291A

Protanomaly
1A2619

Deuteranomaly
1B251B

Tritanomaly
0A2824

Monochromacy



Original Color
02291A

Achromatopsia
1C1C1C

Achromatomaly
13211B

CSS Examples

Text

The CSS property to change the color of the text to Hex 02291A 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 #02291A looks like.

```
.text, #text, p{  
    color:#02291A  
}
```

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 #02291A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02291A
}
```

Border

The CSS property to change the border of an element to Hex 02291A 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".

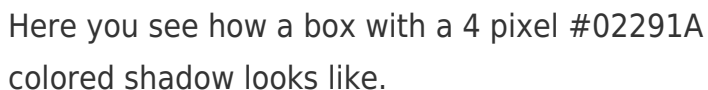
```
.border, #border, table{ border:4px solid
#02291A }
```

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

```
.border{ border-color:#02291A }
```

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

Here you see how a box with a 4 pixel #02291A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02291A; -webkit-box-shadow:4px 4px  
4px 4px #02291A; box-shadow:4px 4px 4px  
4px #02291A }
```

Background

The CSS property to change the background color of an element to Hex 02291A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02291A }
```

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

```
.background{ background-color:#02291A }
```

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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