

Converting Colors

Hex(002B29)

Have a look what the booklet for
Hex(002B29) contains.

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Color

Hex(002B29)

Conversions

Conversions Part 1

Format	Color
Hex	002B29
RGB	0, 43, 41
RGB Percent	0%, 17%, 16%
CMY	1.0000, 0.8314, 0.8392
CMYK	1.00, 0.00, 0.05, 0.83
HSL	177°, 100%, 8%
HSV	177°, 100%, 17%
XYZ	1.2641, 1.8878, 2.3956
YIQ	29.9150, -24.9860, -9.7380

Conversions

Conversions Part 2

Format	Color
RYB	0, 22, 43
Decimal	11049
CIELab	14.89, -14.67, -2.79
CIELCh	15, 14.934, 190.760
Yxy	1.8878, 0.2279, 0.3403
Android (android.graphics.Color)	4278201129 (0xFF002B29)
YUV	29.9150, 5.4649, -26.2355
Hunter-Lab	13.7399, -7.6223, -0.7194

Details

The Hex color **002B29** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2B0002**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **315956**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002B29**, and if you desaturate by 10%, it is **042B29**.

Distribution



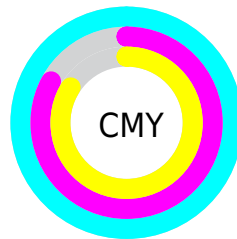
- Red (0%)
- Green (17%)
- Blue (16%)



- Red (0%)
- Yellow (9%)
- Blue (17%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (83%)



- Cyan (100%)
- Magenta (83%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002B29 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 002B29 by changing the saturation by 10% instead.

 002B29

 002B29

 EAffFF

 001815

 315956

 000000

 4A716E

 628B88

 7CA5A2

 96C0BD

 B1DCD9

 CDF9F5

 002B29

■ 042B29

■ 092B29

■ 0D2B2A

■ 112B2A

■ 162B2A

■ 1A2B2A

■ 1E2B2A

■ 222B2B

■ 272B2B

Harmonies

Analogous

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



0F2A1E



002B29



002A33

Triad

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



002B29



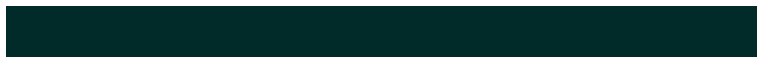
2B2135



322211

Complementary

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



002B29



2B0002

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.



381F18



002B29



361E2D

Square

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



002B29



1C253A



3A1D22



292610

Rectangle

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



002B29



012938



3A1D22



342113

Sweetspot

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



002B29



273837



022B00



121C1C



9C9C9C



1C1C1C

Same Dimension

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



002B29



003835



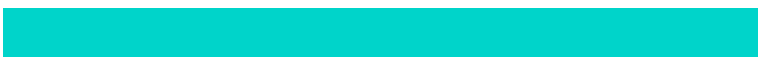
00182B



121414



005450



00D4CA

Inverse Universe

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



2B0002



380003



2B1300



141212



540004



D4000A

Previews

White Background



This preview shows how the Hex color 002B29 looks on a white background.

Color Contrast Check

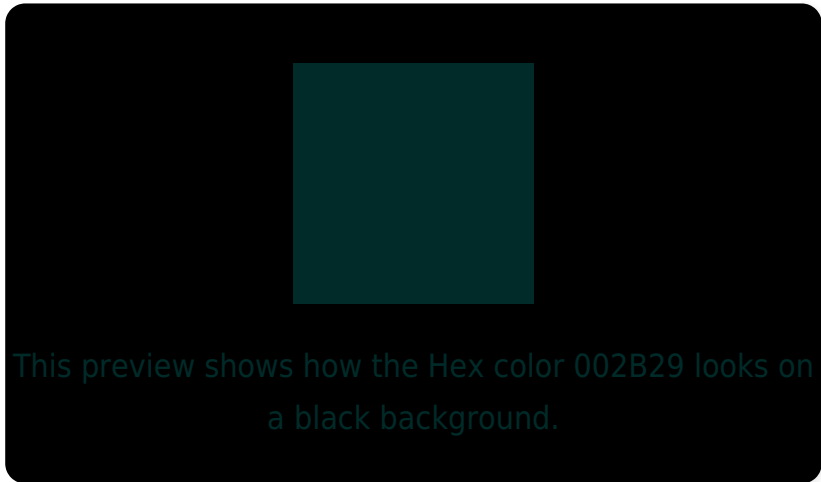
Large Text (above 18pt) WCAG AA ✓ Pass

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

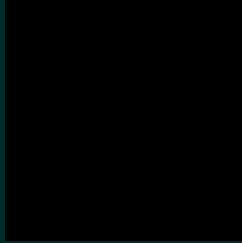
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

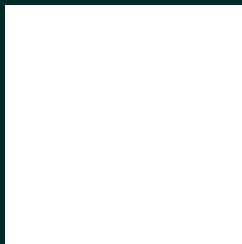
Any Text WCAG AAA × Fail

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

Hex 002B29 Background



This preview shows how black text looks on a background with the Hex color 002B29.

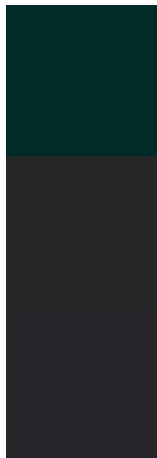


This preview shows how white text looks on a background with the Hex color 002B29.

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
002B29

Protanopia
272626

Deuteranopia
28252A



Tritanopia
092A2E

Trichromacy



Original Color
002B29

Protanomaly
192827

Deuteranomaly
19272A

Tritanomaly
062A2C

Monochromacy



Original Color
002B29

Achromatopsia
1E1E1E

Achromatomaly
132322

CSS Examples

Text

The CSS property to change the color of the text to Hex 002B29 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 #002B29 looks like.

```
.text, #text, p{  
    color:#002B29  
}
```

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 #002B29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002B29
}
```

Border

The CSS property to change the border of an element to Hex 002B29 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
#002B29 }
```

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

```
.border{ border-color:#002B29 }
```

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

Here you see how a box with a 4 pixel #002B29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002B29; -webkit-box-shadow:4px 4px  
4px 4px #002B29; box-shadow:4px 4px 4px  
4px #002B29 }
```

Background

The CSS property to change the background color of an element to Hex 002B29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002B29 }
```

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

```
.background{ background-color:#002B29 }
```

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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