

Converting Colors

Hex(002A2C)

Have a look what the booklet for
Hex(002A2C) contains.

Hex(002A2C)	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(002A2C)

Conversions

Conversions Part 1

Format	Color
Hex	002A2C
RGB	0, 42, 44
RGB Percent	0%, 16%, 17%
CMY	1.0000, 0.8353, 0.8275
CMYK	1.00, 0.05, 0.00, 0.83
HSL	183°, 100%, 9%
HSV	183°, 100%, 17%
XYZ	1.2826, 1.8378, 2.6700
YIQ	29.6700, -25.6740, -8.2820

Conversions

Conversions Part 2

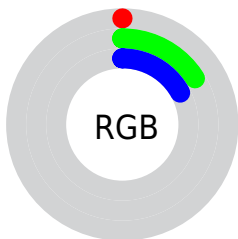
Format	Color
RYB	0, 21, 44
Decimal	10796
CIELab	14.61, -12.91, -5.33
CIELCh	15, 13.965, 202.420
Yxy	1.8378, 0.2215, 0.3174
Android (android.graphics.Color)	4278200876 (0xFF002A2C)
YUV	29.6700, 7.0647, -26.0206
Hunter-Lab	13.5565, -6.8358, -2.1879

Details

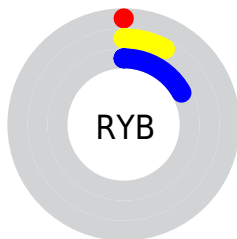
The Hex color **002A2C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2C0200**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **325859**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002A2C**, and if you desaturate by 10%, it is **042A2C**.

Distribution



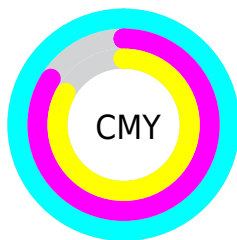
- Red (0%)
- Green (16%)
- Blue (17%)



- Red (0%)
- Yellow (8%)
- Blue (17%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 002A2C 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 002A2C by changing the saturation by 10% instead.

 002A2C

 002A2C

 EAEFFF

 001718

 325859

 000000

 4A7072

 638A8B

 7CA4A6

 97BFC1

 B2DBDD

 CEF7F9

 002A2C

■ 042A2C

■ 092A2C

■ 0D2B2C

■ 122B2C

■ 162B2C

■ 1A2B2C

■ 1F2B2C

■ 232C2C

■ 282C2C

Harmonies

Analogous

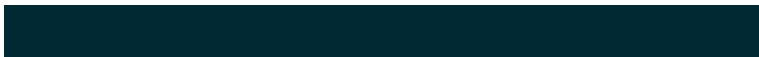
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0B2A22



002A2C



012934

Triad

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



002A2C



2F2031



2E2311

Complementary

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



002A2C



2C0200

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.



352016



002A2C



361D28

Square

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



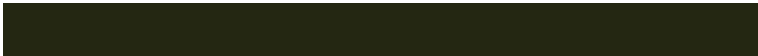
002A2C



222337



381E1E



242712

Rectangle

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



002A2C



0B2837



381E1E



302212

Sweetspot

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



002A2C



273738



002C01



121C1C



9C9C9C



1C1C1C

Same Dimension

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



002A2C



003638



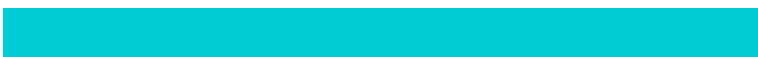
00152C



151717



005357



00CCD6

Inverse Universe

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



2C002A



380036



2C1700



171517



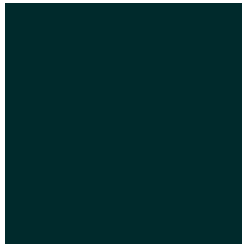
570053



D600CC

Previews

White Background



This preview shows how the Hex color 002A2C looks on a white background.

Color Contrast Check

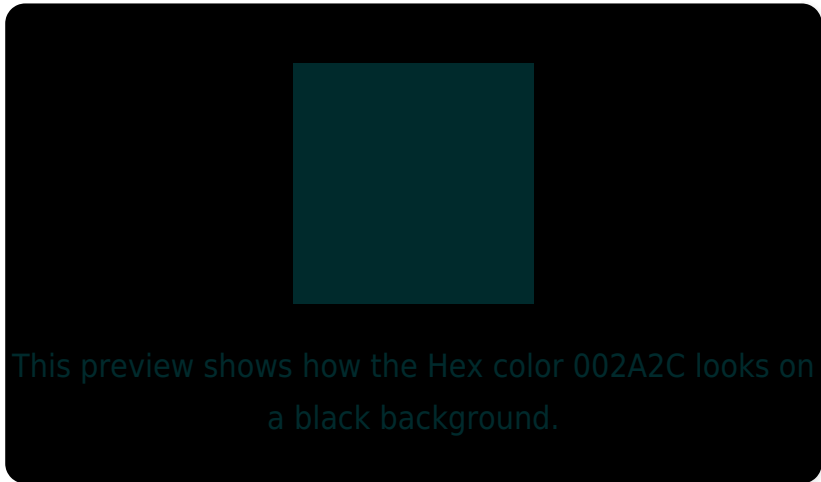
Large Text (above 18pt) WCAG AA ✓ Pass

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

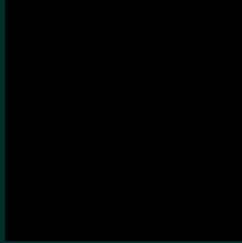
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

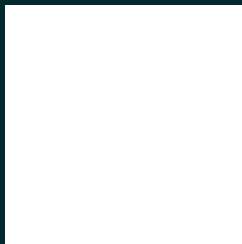
Any Text WCAG AAA × Fail

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

Hex 002A2C Background



This preview shows how black text looks on a background with the Hex color 002A2C.



This preview shows how white text looks on a background with the Hex color 002A2C.

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
002A2C

Protanopia
252529

Deuteranopia
26252D



Tritanopia
052A2D

Trichromacy



Original Color
002A2C

Protanomaly
18272A

Deuteranomaly
18272D

Tritanomaly
032A2D

Monochromacy



Original Color
002A2C

Achromatopsia
1E1E1E

Achromatomaly
132223

CSS Examples

Text

The CSS property to change the color of the text to Hex 002A2C 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 #002A2C looks like.

```
.text, #text, p{  
    color:#002A2C  
}
```

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 #002A2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002A2C
}
```

Border

The CSS property to change the border of an element to Hex 002A2C 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
#002A2C }
```

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

```
.border{ border-color:#002A2C }
```

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

Here you see how a box with a 4 pixel #002A2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002A2C; -webkit-box-shadow:4px 4px  
4px 4px #002A2C; box-shadow:4px 4px 4px  
4px #002A2C }
```

Background

The CSS property to change the background color of an element to Hex 002A2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002A2C }
```

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

```
.background{ background-color:#002A2C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor