

Converting Colors

Hex(002F2C)

Have a look what the booklet for
Hex(002F2C) contains.

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Color

Hex(002F2C)

Conversions

Conversions Part 1

Format	Color
Hex	002F2C
RGB	0, 47, 44
RGB Percent	0%, 18%, 17%
CMY	1.0000, 0.8157, 0.8275
CMYK	1.00, 0.00, 0.06, 0.82
HSL	176°, 100%, 9%
HSV	176°, 100%, 18%
XYZ	1.4711, 2.2149, 2.7328
YIQ	32.6050, -27.0490, -10.8970

Conversions

Conversions Part 2

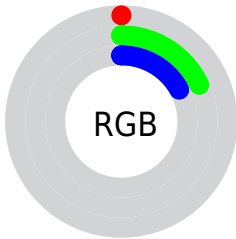
Format	Color
RYB	0, 24, 47
Decimal	12076
CIELab	16.58, -15.81, -2.39
CIELCh	17, 15.990, 188.598
Yxy	2.2149, 0.2292, 0.3451
Android (android.graphics.Color)	4278202156 (0xFF002F2C)
YUV	32.6050, 5.6177, -28.5946
Hunter-Lab	14.8825, -8.3995, -0.4696

Details

The Hex color **002F2C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2F0003**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **335D59**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002F2C**, and if you desaturate by 10%, it is **052F2C**.

Distribution



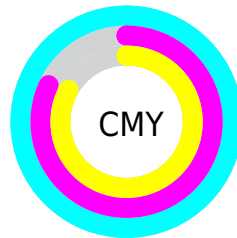
- Red (0%)
- Green (18%)
- Blue (17%)



- Red (0%)
- Yellow (9%)
- Blue (18%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (82%)



- Cyan (100%)
- Magenta (82%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002F2C 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 002F2C by changing the saturation by 10% instead.

 002F2C

 002F2C

 ECFFFF

 001B17

 335D59

 000000

 4B7672

 64908B

 7EAAA6

 99C6C1

 B4E2DD

 D0FEF9

 002F2C

■ 052F2C

■ 092F2D

■ 0E2F2D

■ 132F2D

■ 182F2E

■ 1C2F2E

■ 212F2E

■ 262F2E

■ 2A2F2F

Harmonies

Analogous

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



122E20



002F2C



002E37

Triad

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



002F2C



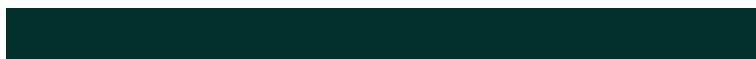
2E253B



372514

Complementary

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



002F2C



2F0003

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.



3D221B



002F2C



3A2132

Square

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



002F2C



1D293F



3F2026



2D2912

Rectangle

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



002F2C



002D3C



3F2026



3A2416

Sweetspot

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



002F2C



2B3D3C



032F00



141F1E



9E9E9E



1F1F1F

Same Dimension

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



002F2C



003D39



001B2F



151717



005751



00D6C9

Inverse Universe

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



2F0003



3D0004



2F1400



171515



570006



D6000E

Previews

White Background



This preview shows how the Hex color 002F2C looks on a white background.

Color Contrast Check

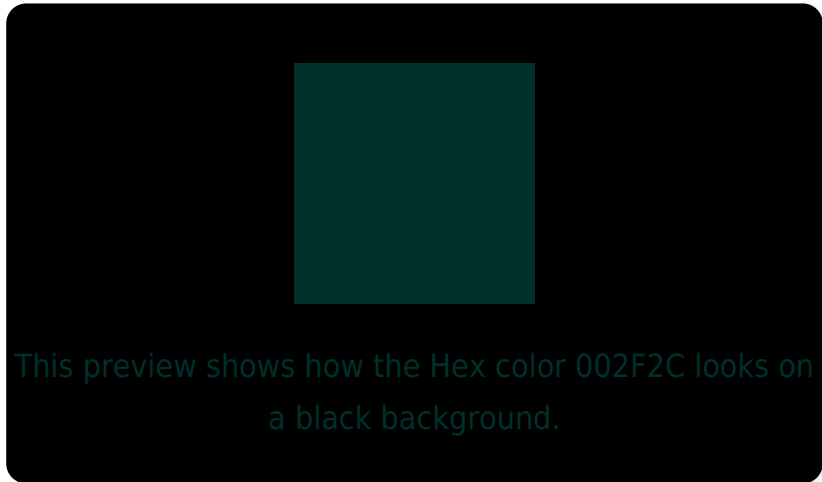
Large Text (above 18pt) WCAG AA ✓ Pass

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

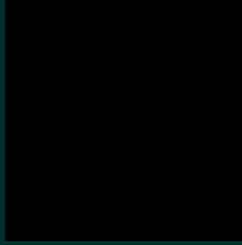
Any Text WCAG AA × Fail

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 002F2C Background



This preview shows how black text looks on a background with the Hex color 002F2C.



This preview shows how white text looks on a background with the Hex color 002F2C.

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
002F2C

Protanopia
2B2929

Deuteranopia
2C292D

Trichromacy



Original Color
002F2C

Protanomaly
1B2B2A

Deuteranomaly
1C2B2D

Tritanomaly
072E30

Monochromacy



Original Color
002F2C

Achromatopsia
212121

Achromatomaly
152625

CSS Examples

Text

The CSS property to change the color of the text to Hex 002F2C 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 #002F2C looks like.

```
.text, #text, p{  
    color:#002F2C  
}
```

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 #002F2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002F2C
}
```

Border

The CSS property to change the border of an element to Hex 002F2C 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
#002F2C }
```

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

```
.border{ border-color:#002F2C }
```

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

Here you see how a box with a 4 pixel #002F2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002F2C; -webkit-box-shadow:4px 4px  
4px 4px #002F2C; box-shadow:4px 4px 4px  
4px #002F2C }
```

Background

The CSS property to change the background color of an element to Hex 002F2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002F2C }
```

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

```
.background{ background-color:#002F2C }
```

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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