

Converting Colors

Hex(002F30)

Have a look what the booklet for
Hex(002F30) contains.

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Color

Hex(002F30)

Conversions

Conversions Part 1

Format	Color
Hex	002F30
RGB	0, 47, 48
RGB Percent	0%, 18%, 19%
CMY	1.0000, 0.8157, 0.8118
CMYK	1.00, 0.02, 0.00, 0.81
HSL	181°, 100%, 9%
HSV	181°, 100%, 19%
XYZ	1.5500, 2.2464, 3.1482
YIQ	33.0610, -28.3330, -9.6530

Conversions

Conversions Part 2

Format	Color
RYB	0, 24, 48
Decimal	12080
CIELab	16.73, -14.29, -4.95
CIELCh	17, 15.120, 199.122
Yxy	2.2464, 0.2232, 0.3235
Android (android.graphics.Color)	4278202160 (0xFF002F30)
YUV	33.0610, 7.3649, -28.9945
Hunter-Lab	14.9881, -7.7693, -1.9621

Details

The Hex color **002F30** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **300100**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **345D5E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002F30**, and if you desaturate by 10%, it is **052F30**.

Distribution



- Red (0%)
- Green (18%)
- Blue (19%)



- Red (0%)
- Yellow (9%)
- Blue (19%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (81%)



- Cyan (100%)
- Magenta (82%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002F30 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 002F30 by changing the saturation by 10% instead.


 002F30

 002F30

 EDFFFF

 001B1B

 345D5E

 000000

 4C7677

 659090

 7FAAAB

 9AC6C6

 B5E2E2

 D1FEFF

 002F30

■ 052F30

■ 0A2F30

■ 0E2F30

■ 132F30

■ 183030

■ 1D3030

■ 223030

■ 263030

■ 2B3030

Harmonies

Analogous

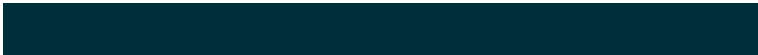
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0F2F25



002F30



002E39

Triad

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



002F30



332438



342714

Complementary

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



002F30



300100

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.



3B2419



002F30



3C212E

Square

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



002F30



25283E



3E2123



292B15

Rectangle

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



002F30



0B2D3D



3E2123



372615

Sweetspot

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



002F30



2B3D3D



003001



141E1F



9E9E9E



1F1F1F

Same Dimension

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



002F30



003C3D



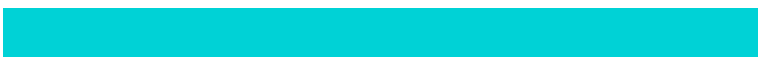
001730



151717



005557



00D2D6

Inverse Universe

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



30002F



3D003C



301900



171517



570055



D600D2

Previews

White Background



This preview shows how the Hex color 002F30 looks on a white background.

Color Contrast Check

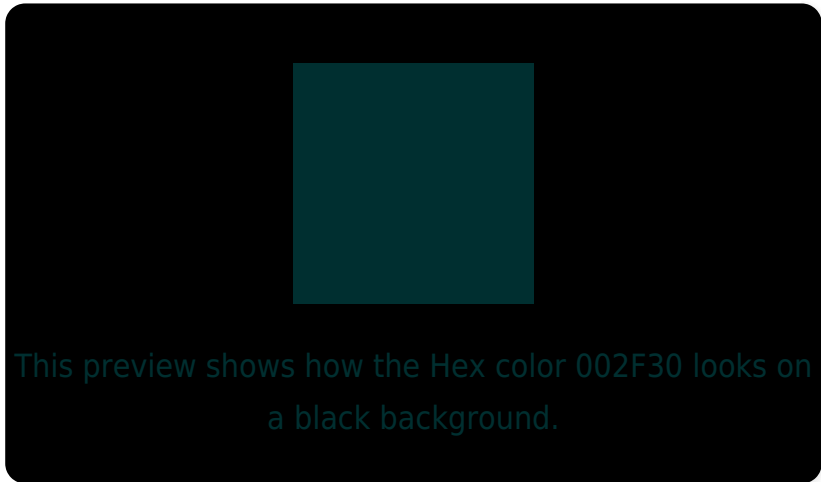
Large Text (above 18pt) WCAG AA ✓ Pass

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

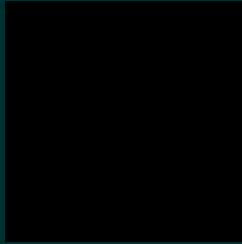
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

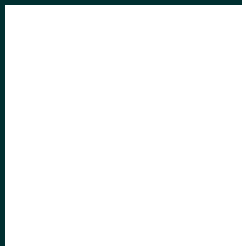
Any Text WCAG AAA × Fail

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

Hex 002F30 Background



This preview shows how black text looks on a background with the Hex color 002F30.



This preview shows how white text looks on a background with the Hex color 002F30.

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
002F30

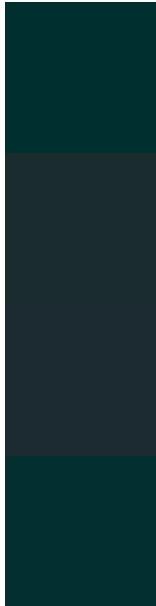
Protanopia
2A2A2D

Deuteranopia
2B2931



Tritanopia
072F32

Trichromacy



Original Color
002F30

Protanomaly
1B2C2E

Deuteranomaly
1B2B31

Tritanomaly
042F31

Monochromacy



Original Color
002F30

Achromatopsia
212121

Achromatomaly
152626

CSS Examples

Text

The CSS property to change the color of the text to Hex 002F30 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 #002F30 looks like.

```
.text, #text, p{  
    color:#002F30  
}
```

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 #002F30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002F30
}
```

Border

The CSS property to change the border of an element to Hex 002F30 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
#002F30 }
```

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

```
.border{ border-color:#002F30 }
```

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

Here you see how a box with a 4 pixel #002F30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002F30; -webkit-box-shadow:4px 4px  
4px 4px #002F30; box-shadow:4px 4px 4px  
4px #002F30 }
```

Background

The CSS property to change the background color of an element to Hex 002F30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002F30 }
```

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

```
.background{ background-color:#002F30 }
```

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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