Converting Colors

Hex(003F2F)

Have a look what the booklet for Hex(003F2F) contains.

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Color

Hex(003F2F)

Conversions

Conversions Part 1

Format	Color
Hex	003F2F
RGB	0, 63, 47
RGB Percent	0%, 25%, 18%
CMY	1.0000, 0.7529, 0.8157
CMYK	1.00, 0.00, 0.25, 0.75
HSL	165°, 100%, 12%
HSV	165°, 100%, 25%
XYZ	2.2906, 3.7602, 3.2944
YIQ	42.3390, -32.4120, -18.3320

Conversions

Conversions Part 2

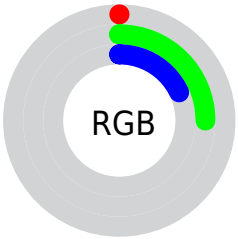
Format	Color
RYB	0, 36, 63
Decimal	16175
CIELab	22.86, -23.09, 4.68
CIELCh	23, 23.557, 168.533
Yxy	3.7602, 0.2451, 0.4024
Android (android.graphics.Color)	4278206255 (0xFF003F2F)
YUV	42.3390, 2.2979, -37.1313
Hunter-Lab	19.3914, -12.8496, 3.5012

Details

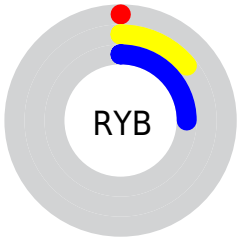
The Hex color 003F2F is a dark color, and the websafe version is hex 003333. A complement of this color would be 3F0010, and the grayscale version is 2A2A2A.

A 20% lighter version of the original color is 386F5D, and 001200 is the 20% darker color. If you saturate the color by 10%, you get 003F2F, and if you desaturate by 10%, it is 063F31.

Distribution

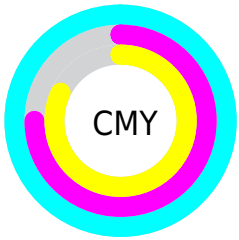


- Red (0%)
- Green (25%)
- Blue (18%)



- Red (0%)
- Yellow (14%)
- Blue (25%)

- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003F2F 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 003F2F by changing the saturation by 10% instead.

003F2F

F5FFFF

386F5D

518975

6BA38F

85BFAA

A0DAC5

BCF7E1

D8FFFD

003F2F

003F2F

00291A

001200

000000

003F2F

063F31

0D3F32

133F34

193F35

203F37

263F39

2C3F3A

323F3C

393F3D

Harmonies

Analogous

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

223D1E

003F2F

003F41

Triad

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

003F2F

2D3558

522D1D

Complementary

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

003F2F

3F0010

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.

58282C

003F2F

462E4E

Square

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

003F2F

003A59

54283E

473313

Rectangle

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

003F2F

003F4C

54283E

552B22

Sweetspot

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

003F2F

39524B

113F00

1A2925

A8A8A8

292929

Same Dimension

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

003F2F

00523D

00303F

1C1F1E

005E46

00DEA6

Inverse Universe

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

3F0010

520015

3F0F00

1F1C1C

5E0018

DE0038

Previews

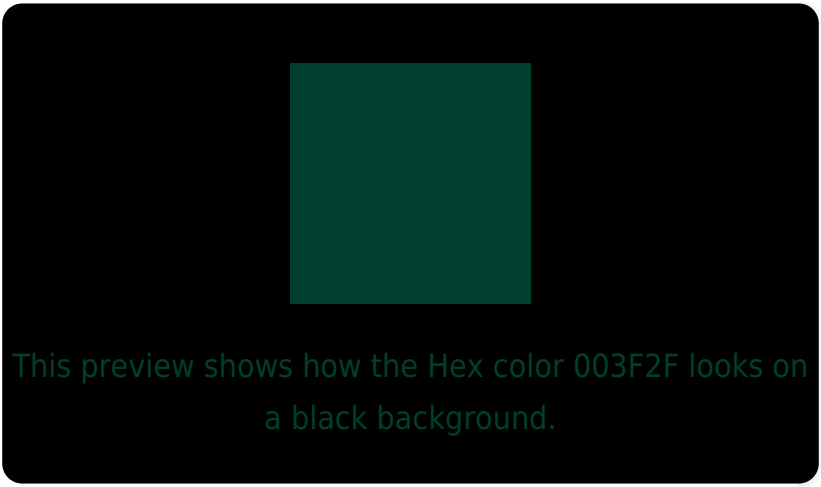
White Background

This preview shows how the Hex color 003F2F 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

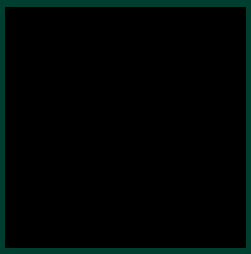


Color Contrast Check

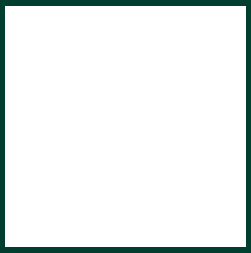
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 003F2F Background



This preview shows how black text looks on a background with the Hex color 003F2F.



This preview shows how white text looks on a background with the Hex color 003F2F.

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
003F2F

Protanopia
3B372B

Deuteranopia
3F3531

Tritanopia
143D41

Trichromacy

Original Color
003F2F

Protanomaly
263A2C

Deuteranomaly
283930

Tritanomaly
0D3E3A

Monochromacy

Original Color
003F2F

Achromatopsia
2A2A2A

Achromatomaly
1B322C

CSS Examples

Text

The CSS property to change the color of the text to Hex 003F2F 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 #003F2F looks like.

```
.text, #text, p{
    color:#003F2F
}
```

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 #003F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003F2F
}
```

Border

The CSS property to change the border of an element to Hex 003F2F 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
#003F2F }
```

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

```
.border{ border-color:#003F2F }
```

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

Here you see how a box with a 4 pixel #003F2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #003F2F; -webkit-box-shadow:4px 4px 4px 4px #003F2F; box-shadow:4px 4px 4px 4px #003F2F }
```

Background

The CSS property to change the background color of an element to Hex 003F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#003F2F }
```

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

```
.background{ background-color:#003F2F }
```

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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