

Converting Colors

Hex(003A1F)

Have a look what the booklet for
Hex(003A1F) contains.

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Color

Hex(003A1F)

Conversions

Conversions Part 1

Format	Color
Hex	003A1F
RGB	0, 58, 31
RGB Percent	0%, 23%, 12%
CMY	1.0000, 0.7725, 0.8784
CMYK	1.00, 0.00, 0.47, 0.77
HSL	152°, 100%, 11%
HSV	152°, 100%, 23%
XYZ	1.7604, 3.1250, 1.8067
YIQ	37.5800, -25.9010, -20.6930

Conversions

Conversions Part 2

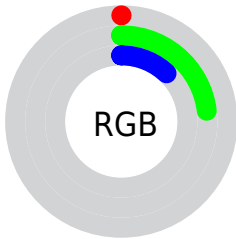
Format	Color
RYB	0, 38, 58
Decimal	14879
CIELab	20.54, -25.20, 11.98
CIELCh	21, 27.905, 154.567
Yxy	3.1250, 0.2631, 0.4670
Android (android.graphics.Color)	4278204959 (0xFF003A1F)
YUV	37.5800, -3.2439, -32.9577
Hunter-Lab	17.6778, -13.1608, 6.3148

Details

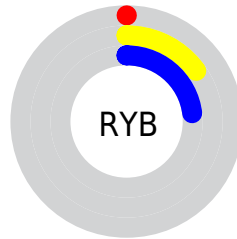
The Hex color **003A1F** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3A001B**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **366A4B**, and **000400** is the 20% darker color. If you saturate the color by 10%, you get **003A1F**, and if you desaturate by 10%, it is **063A22**.

Distribution



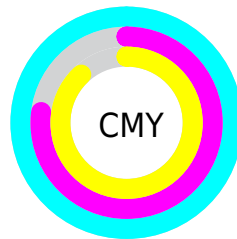
- Red (0%)
- Green (23%)
- Blue (12%)



- Red (0%)
- Yellow (15%)
- Blue (23%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (77%)



- Cyan (100%)
- Magenta (77%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003A1F 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 003A1F by changing the saturation by 10% instead.

 003A1F

 003A1F

 F1FFFF

 002408

 366A4B

 000400

 4F8363

 000000

 689E7C

 82B996

 9DD5B1

 B8F1CC

 D4FFE8

 003A1F

■ 063A22

■ 0C3A24

■ 113A27

■ 173A2A

■ 1D3A2D

■ 233A2F

■ 293A32

■ 2E3A35

■ 343A37

Harmonies

Analogous

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



24370D



003A1F



003B34

Triad

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



003A1F



05335A



54221B

Complementary

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



003A1F



3A001B

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.



561E2F



003A1F



362B53

Square

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



003A1F



003856



4D2243



4A2A0B

Rectangle

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



003A1F



003B42



4D2243



562022

Sweetspot

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



003A1F



364D42



1B3A00



182620



A6A6A6



262626

Same Dimension

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



003A1F



004D29



00383A



191C1B



005C31



00DB75

Inverse Universe

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



3A001B



4D0024



3A0200



1C191B



5C002B



DB0066

Previews

White Background



This preview shows how the Hex color 003A1F looks on a white background.

Color Contrast Check

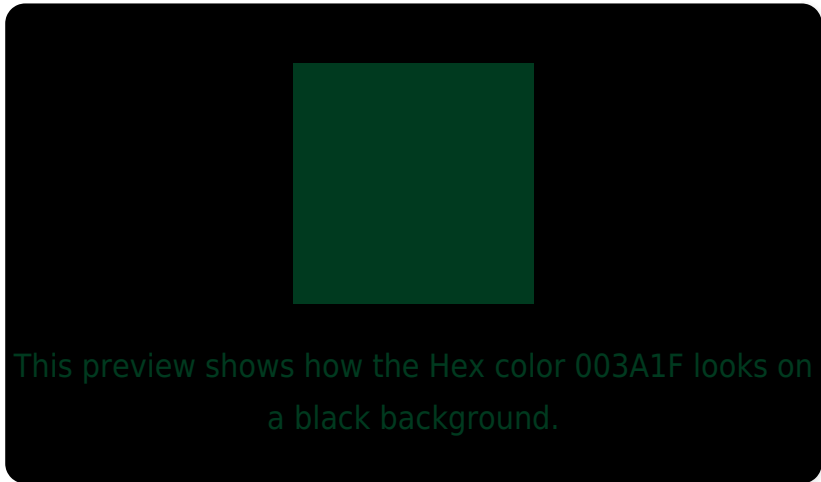
Large Text (above 18pt) WCAG AA ✓ Pass

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

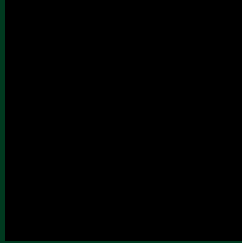
Any Text WCAG AA × Fail

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 003A1F Background



This preview shows how black text looks on a background with the Hex color 003A1F.



This preview shows how white text looks on a background with the Hex color 003A1F.

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
003A1F

Protanopia
37321C

Deuteranopia
3C3021



Tritanopia
16373B

Trichromacy



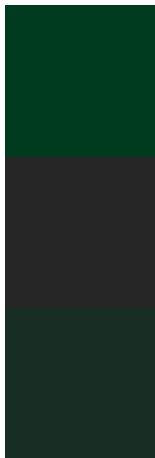
Original Color
003A1F

Protanomaly
23351D

Deuteranomaly
263420

Tritanomaly
0E3831

Monochromacy



Original Color
003A1F

Achromatopsia
262626

Achromatomaly
182D23

CSS Examples

Text

The CSS property to change the color of the text to Hex 003A1F 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 #003A1F looks like.

```
.text, #text, p{  
    color:#003A1F  
}
```

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 #003A1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003A1F
}
```

Border

The CSS property to change the border of an element to Hex 003A1F 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
#003A1F }
```

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

```
.border{ border-color:#003A1F }
```

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

Here you see how a box with a 4 pixel #003A1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003A1F; -webkit-box-shadow:4px 4px  
4px 4px #003A1F; box-shadow:4px 4px 4px  
4px #003A1F }
```

Background

The CSS property to change the background color of an element to Hex 003A1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003A1F }
```

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

```
.background{ background-color:#003A1F }
```

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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