

Converting Colors

Hex(03451F)

Have a look what the booklet for
Hex(03451F) contains.

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Color

Hex(03451F)

Conversions

Conversions Part 1

Format	Color
Hex	03451F
RGB	3, 69, 31
RGB Percent	1%, 27%, 12%
CMY	0.9882, 0.7294, 0.8784
CMYK	0.96, 0.00, 0.55, 0.73
HSL	145°, 92%, 14%
HSV	145°, 96%, 27%
XYZ	2.4130, 4.3745, 2.0135
YIQ	44.9340, -27.1380, -25.8100

Conversions

Conversions Part 2

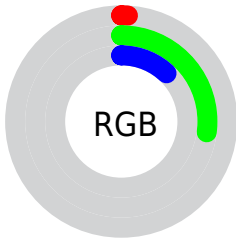
Format	Color
R _Y B	3, 49, 69
Decimal	214303
CIE Lab	24.87, -29.22, 17.58
CIE LCh	25, 34.105, 148.968
Yxy	4.3745, 0.2742, 0.4970
Android (android.graphics.Color)	4278404383 (0xFF03451F)
YUV	44.9340, -6.8695, -36.7761
Hunter-Lab	20.9154, -16.0085, 8.9329

Details

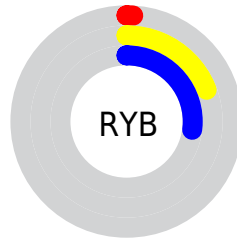
The Hex color **03451F** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **450329**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **3C764C**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **00451D**, and if you desaturate by 10%, it is **0A4523**.

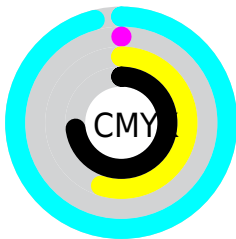
Distribution



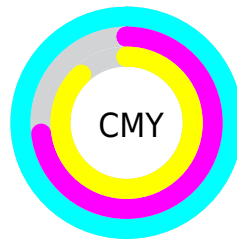
- Red (1%)
- Green (27%)
- Blue (12%)



- Red (1%)
- Yellow (19%)
- Blue (27%)



- Cyan (96%)
- Magenta (0%)
- Yellow (55%)
- Black (73%)



- Cyan (99%)
- Magenta (73%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03451F 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 03451F by changing the saturation by 10% instead.



03451F



03451F



FAFFFF



002E09



3C764C



001A00



559064



000000



6FAB7D



89C697



A4E2B2



C0FFCD



DDFFEA



03451F



03451F

■ 00451D

■ 0A4523

■ 114527

■ 18452B

■ 1F452F

■ 264533

■ 2C4537

■ 33453B

■ 3A453F

■ 414543

Harmonies

Analogous

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



2F4108



03451F



004739

Triad

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



03451F



003E6F



682524

Complementary

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



03451F



450329

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.



68213D



03451F



393568

Square

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



03451F



004467



592956



5C2F0E

Rectangle

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



03451F



00474B



592956



69232C

Sweetspot

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



03451F



3F594A



2A4503



1E2E25



ADADAD



2E2E2E

Same Dimension

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



03451F



005926



03453F



202422



00632A



00E360

Inverse Universe

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



450329



590033



450308



242022



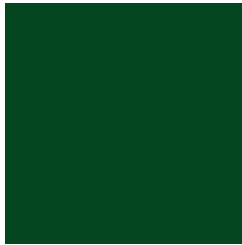
630039



E30083

Previews

White Background



This preview shows how the Hex color 03451F looks on a white background.

Color Contrast Check

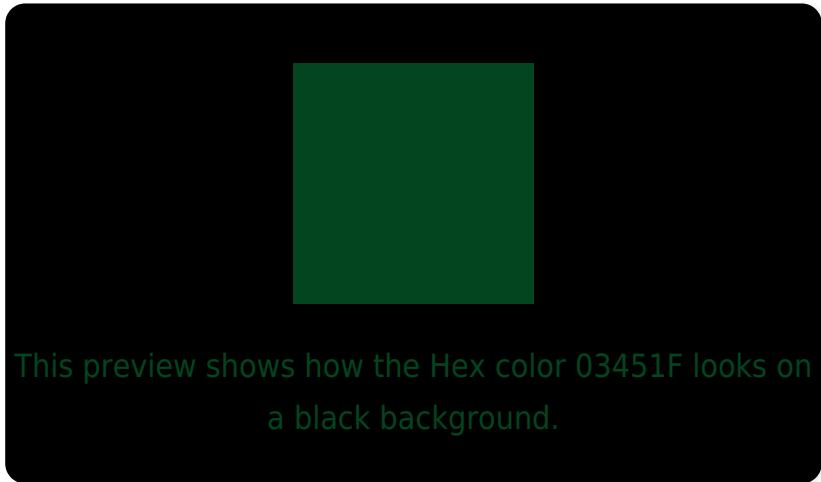
Large Text (above 18pt) WCAG AA ✓ Pass

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

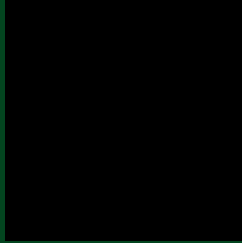
Any Text WCAG AA × Fail

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 03451F Background



This preview shows how black text looks on a background with the Hex color 03451F.



This preview shows how white text looks on a background with the Hex color 03451F.

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
03451F

Protanopia
423B1C

Deuteranopia
483922



Tritanopia
1B4146

Trichromacy



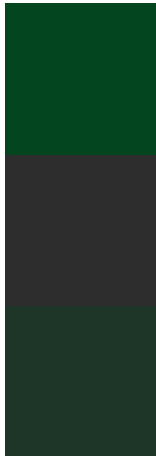
Original Color
03451F

Protanomaly
2B3F1D

Deuteranomaly
2F3D21

Tritanomaly
124238

Monochromacy



Original Color
03451F

Achromatopsia
2D2D2D

Achromatomaly
1E3628

CSS Examples

Text

The CSS property to change the color of the text to Hex 03451F 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 #03451F looks like.

```
.text, #text, p{  
    color:#03451F  
}
```

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 #03451F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03451F
}
```

Border

The CSS property to change the border of an element to Hex 03451F 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".

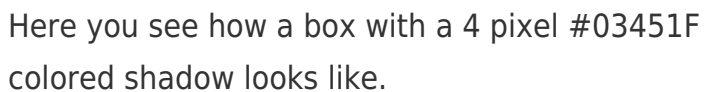
```
.border, #border, table{ border:4px solid
#03451F }
```

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

```
.border{ border-color:#03451F }
```

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

Here you see how a box with a 4 pixel #03451F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03451F; -webkit-box-shadow:4px 4px  
4px 4px #03451F; box-shadow:4px 4px 4px  
4px #03451F }
```

Background

The CSS property to change the background color of an element to Hex 03451F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03451F }
```

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

```
.background{ background-color:#03451F }
```

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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