

Converting Colors

Hex(003F38)

Have a look what the booklet for
Hex(003F38) contains.

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Color

Hex(003F38)

Conversions

Conversions Part 1

Format	Color
Hex	003F38
RGB	0, 63, 56
RGB Percent	0%, 25%, 22%
CMY	1.0000, 0.7529, 0.7804
CMYK	1.00, 0.00, 0.11, 0.75
HSL	173°, 100%, 12%
HSV	173°, 100%, 25%
XYZ	2.4913, 3.8405, 4.3514
YIQ	43.3650, -35.3010, -15.5330

Conversions

Conversions Part 2

Format	Color
RYB	0, 33, 63
Decimal	16184
CIELab	23.14, -20.17, -0.90
CIELCh	23, 20.189, 182.557
Yxy	3.8405, 0.2332, 0.3595
Android (android.graphics.Color)	4278206264 (0xFF003F38)
YUV	43.3650, 6.2291, -38.0311
Hunter-Lab	19.5973, -11.6033, 0.5534

Details

The Hex color **003F38** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3F0007**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **396F67**, and **00130D** is the 20% darker color. If you saturate the color by 10%, you get **003F38**, and if you desaturate by 10%, it is **063F39**.

Distribution



- Red (0%)
- Green (25%)
- Blue (22%)



- Red (0%)
- Yellow (13%)
- Blue (25%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003F38 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 003F38 by changing the saturation by 10% instead.

 003F38

 003F38

 F6FFFF

 002923

 396F67

 00130D

 538980

 000000

 6CA39A

 87BEB5

 A2DAD0

 BDF7EC

 DAFFFF

 003F38

■ 063F39

■ 0D3F39

■ 133F3A

■ 193F3B

■ 203F3C

■ 263F3C

■ 2C3F3D

■ 323F3E

■ 393F3E

Harmonies

Analogous

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



1D3E29



003F38



003F47

Triad

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



003F38



3A3351



4C311D

Complementary

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



003F38



3F0007

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.



532D28



003F38



4B2D45

Square

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



003F38



213855



532B36



3F3718

Rectangle

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



003F38



003D4F



532B36



4F3020

Sweetspot

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



003F38



39524F



073F00



1A2927



A8A8A8



292929

Same Dimension

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



003F38



005249



00273F



1C1F1E



005E54



00DEC5

Inverse Universe

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



3F0007



520009



3F1800



1F1C1C



5E000A



DE0019

Previews

White Background



This preview shows how the Hex color 003F38 looks on a white background.

Color Contrast Check

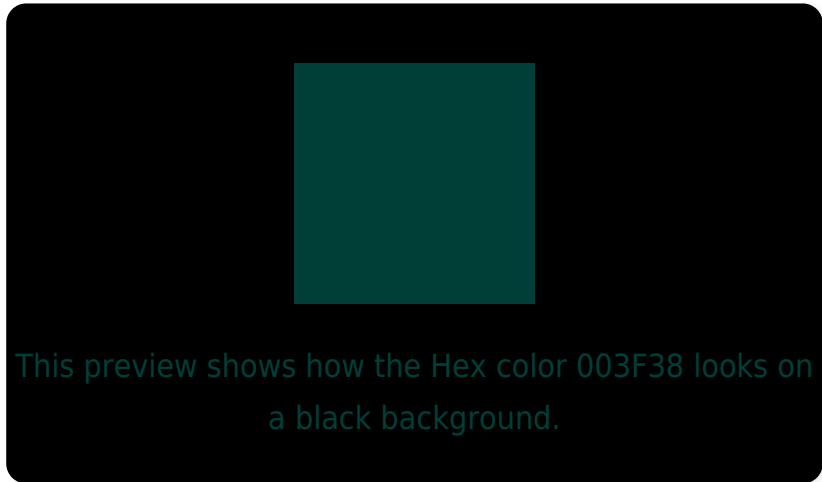
Large Text (above 18pt) WCAG AA ✓ Pass

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

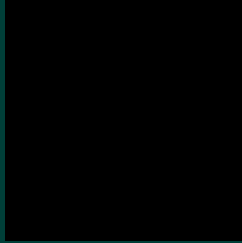
Any Text WCAG AA × Fail

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 003F38 Background



This preview shows how black text looks on a background with the Hex color 003F38.



This preview shows how white text looks on a background with the Hex color 003F38.

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](#).

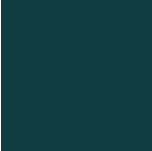
Dichromacy



Original Color
003F38

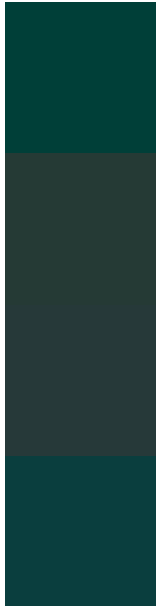
Protanopia
3A3734

Deuteranopia
3C363A



Tritanopia
103D42

Trichromacy



Original Color
003F38

Protanomaly
253A35

Deuteranomaly
263939

Tritanomaly
0A3E3E

Monochromacy



Original Color
003F38

Achromatopsia
2B2B2B

Achromatomaly
1B3230

CSS Examples

Text

The CSS property to change the color of the text to Hex 003F38 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 #003F38 looks like.

```
.text, #text, p{  
    color:#003F38  
}
```

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 #003F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003F38  
}
```

Border

The CSS property to change the border of an element to Hex 003F38 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  
#003F38 }
```

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

```
.border{ border-color:#003F38 }
```

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

Here you see how a box with a 4 pixel #003F38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003F38; -webkit-box-shadow:4px 4px  
4px 4px #003F38; box-shadow:4px 4px 4px  
4px #003F38 }
```

Background

The CSS property to change the background color of an element to Hex 003F38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003F38 }
```

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

```
.background{ background-color:#003F38 }
```

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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