

Converting Colors

Hex(003F33)

Have a look what the booklet for
Hex(003F33) contains.

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Color

Hex(003F33)

Conversions

Conversions Part 1

Format	Color
Hex	003F33
RGB	0, 63, 51
RGB Percent	0%, 25%, 20%
CMY	1.0000, 0.7529, 0.8000
CMYK	1.00, 0.00, 0.19, 0.75
HSL	169°, 100%, 12%
HSV	169°, 100%, 25%
XYZ	2.3750, 3.7940, 3.7391
YIQ	42.7950, -33.6960, -17.0880

Conversions

Conversions Part 2

Format	Color
RYB	0, 35, 63
Decimal	16179
CIELab	22.98, -21.83, 2.20
CIELCh	23, 21.943, 174.255
Yxy	3.7940, 0.2397, 0.3829
Android (android.graphics.Color)	4278206259 (0xFF003F33)
YUV	42.7950, 4.0451, -37.5312
Hunter-Lab	19.4783, -12.3219, 2.2533

Details

The Hex color **003F33** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3F000C**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **396F61**, and **001205** is the 20% darker color. If you saturate the color by 10%, you get **003F33**, and if you desaturate by 10%, it is **063F34**.

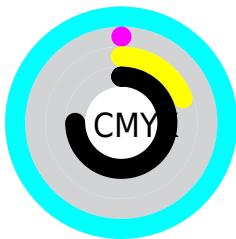
Distribution



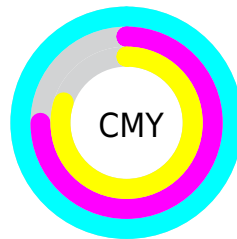
- Red (0%)
- Green (25%)
- Blue (20%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003F33 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 003F33 by changing the saturation by 10% instead.

 003F33

 003F33

 F5FFFF

 00291E

 396F61

 001205

 52897A

 000000

 6BA394

 86BEAE

 A1DACA

 BCF7E6

 D9FFFF

 003F33

■ 063F34

■ 0D3F35

■ 133F37

■ 193F38

■ 203F39

■ 263F3A

■ 2C3F3B

■ 323F3D

■ 393F3E

Harmonies

Analogous

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



203D23



003F33



003F44

Triad

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



003F33



333455



502F1D

Complementary

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



003F33



3F000C

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.



562A2A



003F33



482E4A

Square

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



003F33



123957



54293B



433516

Rectangle

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



003F33



003E4D



54293B



522D21

Sweetspot

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



003F33



39524D



0D3F00



1A2926



A8A8A8



292929

Same Dimension

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



003F33



005242



002C3F



1C1F1E



005E4C



00DEB4

Inverse Universe

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



3F000C



520010



3F1300



1F1C1C



5E0012



DE002A

Previews

White Background



This preview shows how the Hex color 003F33 looks on a white background.

Color Contrast Check

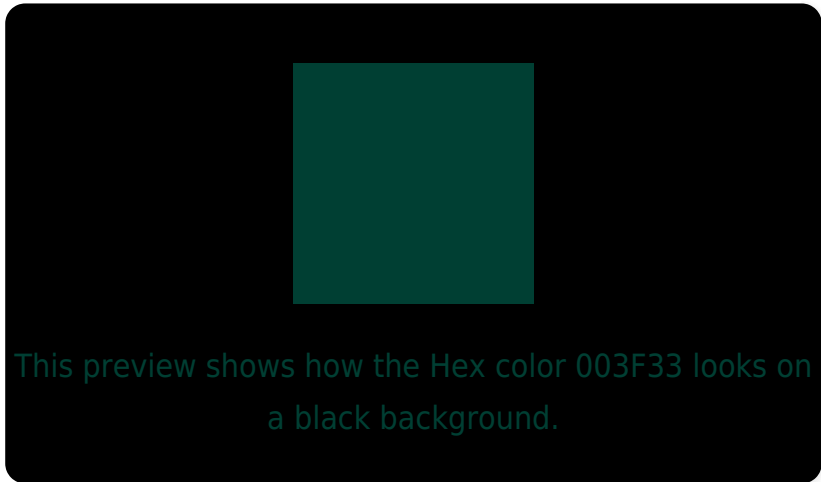
Large Text (above 18pt) WCAG AA ✓ Pass

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

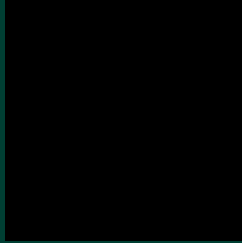
Any Text WCAG AA × Fail

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 003F33 Background



This preview shows how black text looks on a background with the Hex color 003F33.



This preview shows how white text looks on a background with the Hex color 003F33.

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
003F33

Protanopia
3A372F

Deuteranopia
3D3535



Tritanopia
133D42

Trichromacy



Original Color
003F33

Protanomaly
253A30

Deuteranomaly
273934

Tritanomaly
0C3E3D

Monochromacy



Original Color
003F33

Achromatopsia
2B2B2B

Achromatomaly
1B322E

CSS Examples

Text

The CSS property to change the color of the text to Hex 003F33 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 #003F33 looks like.

```
.text, #text, p{  
    color:#003F33  
}
```

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 #003F33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003F33
}
```

Border

The CSS property to change the border of an element to Hex 003F33 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
#003F33 }
```

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

```
.border{ border-color:#003F33 }
```

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

Here you see how a box with a 4 pixel #003F33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003F33; -webkit-box-shadow:4px 4px  
4px 4px #003F33; box-shadow:4px 4px 4px  
4px #003F33 }
```

Background

The CSS property to change the background color of an element to Hex 003F33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003F33 }
```

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

```
.background{ background-color:#003F33 }
```

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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