

Converting Colors

Hex(003F57)

Have a look what the booklet for
Hex(003F57) contains.

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Color

Hex(003F57)

Conversions

Conversions Part 1

Format	Color
Hex	003F57
RGB	0, 63, 87
RGB Percent	0%, 25%, 34%
CMY	1.0000, 0.7529, 0.6588
CMYK	1.00, 0.28, 0.00, 0.66
HSL	197°, 100%, 17%
HSV	197°, 100%, 34%
XYZ	3.4978, 4.2431, 9.6515
YIQ	46.8990, -45.2520, -5.8920

Conversions

Conversions Part 2

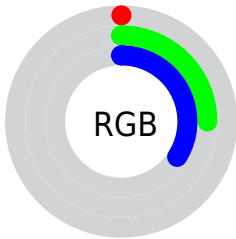
Format	Color
RYB	0, 37, 87
Decimal	16215
CIELab	24.46, -8.08, -19.42
CIELCh	24, 21.032, 247.399
Yxy	4.2431, 0.2011, 0.2440
Android (android.graphics.Color)	4278206295 (0xFF003F57)
YUV	46.8990, 19.7698, -41.1304
Hunter-Lab	20.5989, -5.7377, -13.3608

Details

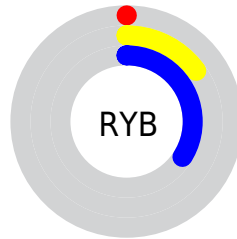
The Hex color **003F57** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **571800**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **406F89**, and **00152A** is the 20% darker color. If you saturate the color by 10%, you get **003F57**, and if you desaturate by 10%, it is **094157**.

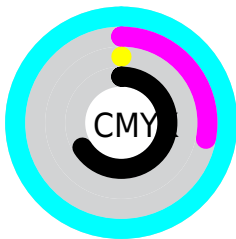
Distribution



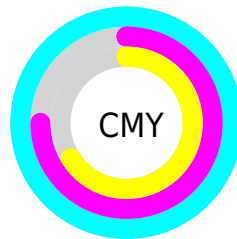
- Red (0%)
- Green (25%)
- Blue (34%)



- Red (0%)
- Yellow (15%)
- Blue (34%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (66%)



- Cyan (100%)
- Magenta (75%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003F57 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 003F57 by changing the saturation by 10% instead.

003F57

003F57

FFFFFF

002940

406F89

00152A

5A88A3

000115

75A2BE

000000

8FBDDA

ABD9F7

C7F5FF

E4FFFF

003F57

■ 094157

■ 114457

■ 1A4657

■ 234957

■ 2C4B57

■ 344D57

■ 3D5057

■ 465257

■ 4E5557

Harmonies

Analogous

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



00424D



003F57



283A59

Triad

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



003F57



582D37



2F3F20

Complementary

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



003F57



571800

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.



403A1A



003F57



573028

Square

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



003F57



512F47



4E351D



1A412D

Rectangle

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



003F57



393756



4E351D



353E1D

Sweetspot

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



003F57



4F6770



005717



243338



B8B8B8



383838

Same Dimension

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



003F57



005170



001457



272A2B



004E6B



00AAEB

Inverse Universe

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



57003F



700051



574300



2B272A



6B004E



EB00AA

Previews

White Background



This preview shows how the Hex color 003F57 looks on a white background.

Color Contrast Check

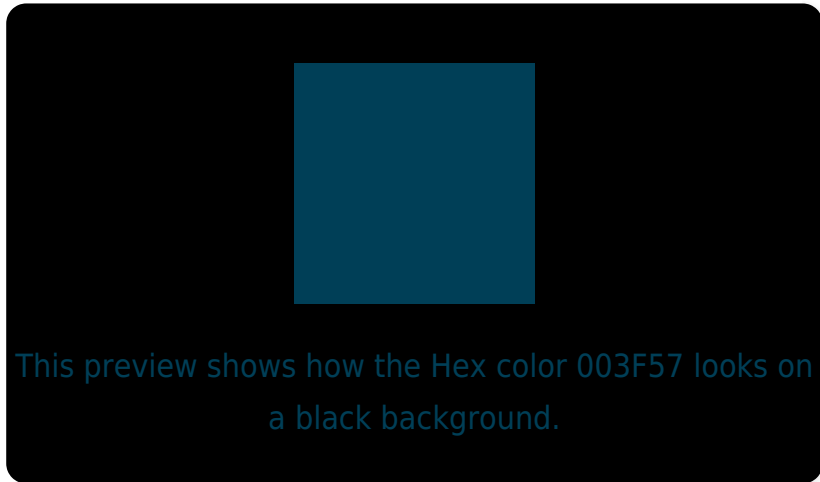
Large Text (above 18pt) WCAG AA ✓ Pass

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

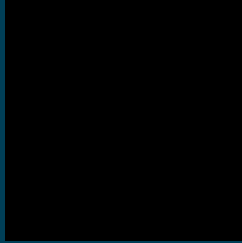
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

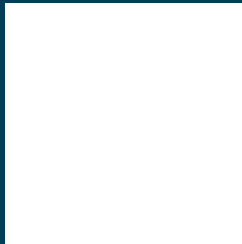
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 003F57 Background



This preview shows how black text looks on a background with the Hex color 003F57.



This preview shows how white text looks on a background with the Hex color 003F57.

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
003F57

Protanopia
333A53

Deuteranopia
2D3A58

Trichromacy



Original Color
003F57

Protanomaly
203C54

Deuteranomaly
1D3C58

Tritanomaly
00404C

Monochromacy



Original Color
003F57

Achromatopsia
2F2F2F

Achromatomaly
1E353E

CSS Examples

Text

The CSS property to change the color of the text to Hex 003F57 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 #003F57 looks like.

```
.text, #text, p{  
    color:#003F57  
}
```

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 #003F57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003F57
}
```

Border

The CSS property to change the border of an element to Hex 003F57 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
#003F57 }
```

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

```
.border{ border-color:#003F57 }
```

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

Here you see how a box with a 4 pixel #003F57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003F57; -webkit-box-shadow:4px 4px  
4px 4px #003F57; box-shadow:4px 4px 4px  
4px #003F57 }
```

Background

The CSS property to change the background color of an element to Hex 003F57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003F57 }
```

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

```
.background{ background-color:#003F57 }
```

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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