

Converting Colors

Hex(003F66)

Have a look what the booklet for
Hex(003F66) contains.

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Color

Hex(003F66)

Conversions

Conversions Part 1

Format	Color
Hex	003F66
RGB	0, 63, 102
RGB Percent	0%, 25%, 40%
CMY	1.0000, 0.7529, 0.6000
CMYK	1.00, 0.38, 0.00, 0.60
HSL	203°, 100%, 20%
HSV	203°, 100%, 40%
XYZ	4.1758, 4.5143, 13.2216
YIQ	48.6090, -50.0670, -1.2270

Conversions

Conversions Part 2

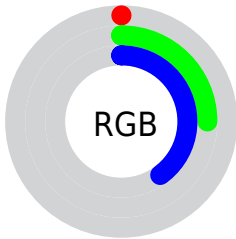
Format	Color
RYB	0, 39, 102
Decimal	16230
CIELab	25.30, -1.60, -27.83
CIELCh	25, 27.872, 266.700
Yxy	4.5143, 0.1906, 0.2060
Android (android.graphics.Color)	4278206310 (0xFF003F66)
YUV	48.6090, 26.3218, -42.6301
Hunter-Lab	21.2469, -2.1005, -22.0224

Details

The Hex color **003F66** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **662700**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **446E99**, and **001537** is the 20% darker color. If you saturate the color by 10%, you get **003F66**, and if you desaturate by 10%, it is **0A4366**.

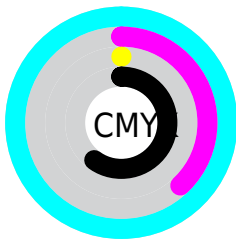
Distribution



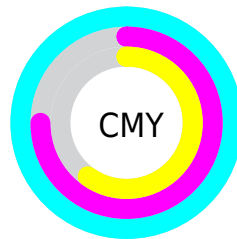
- Red (0%)
- Green (25%)
- Blue (40%)



- Red (0%)
- Yellow (15%)
- Blue (40%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (75%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003F66 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 003F66 by changing the saturation by 10% instead.

003F66

003F66

FFFFFF

00294E

446E99

001537

5F88B4

000221

7AA2D0

000006

95BDEC

000000

B1D8FF

CEF5FF

EBFFFF

003F66

■ 0A4366

■ 144766

■ 1F4B66

■ 294F66

■ 335366

■ 3D5666

■ 475A66

■ 525E66

■ 5C6266

Harmonies

Analogous

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



00445F



003F66



393762

Triad

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



003F66



622B2A



1A4424

Complementary

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



003F66



662700

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.



354014



003F66



5A3219

Square

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



003F66



61293F



4A3A10



004639

Rectangle

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



003F66



4C3259



4A3A10



24431E

Sweetspot

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



003F66



5D7585



006625



2A3942



C2C2C2



424242

Same Dimension

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



003F66



005285



000E66



2E3133



004773



0096F2

Inverse Universe

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



66003F



850052



665800



332E31



730047



F20096

Previews

White Background



This preview shows how the Hex color 003F66 looks on a white background.

Color Contrast Check

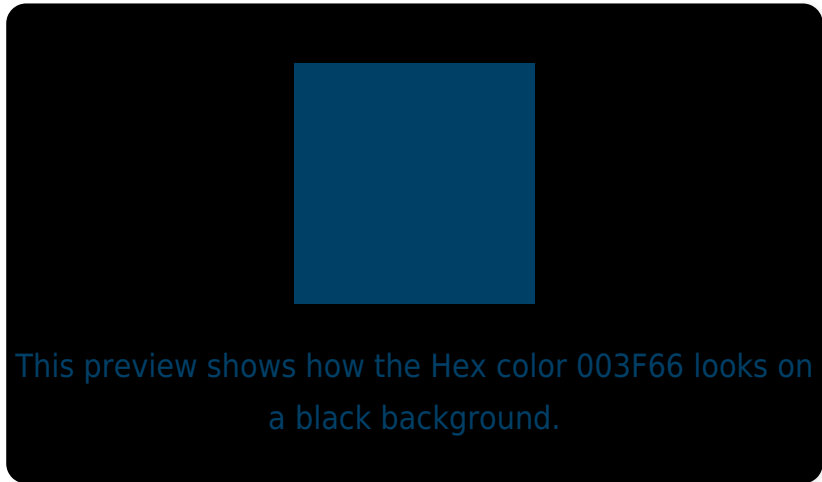
Large Text (above 18pt) WCAG AA ✓ Pass

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

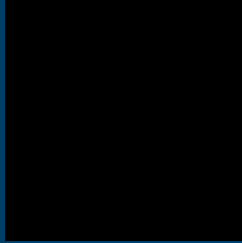
Any Text WCAG AA × Fail

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 003F66 Background



This preview shows how black text looks on a background with the Hex color 003F66.



This preview shows how white text looks on a background with the Hex color 003F66.

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
003F66

Protanopia
2D3B62

Deuteranopia
1E3D66

Trichromacy



Original Color
003F66

Protanomaly
1D3C63

Deuteranomaly
133E66

Tritanomaly
004253

Monochromacy



Original Color
003F66

Achromatopsia
313131

Achromatomaly
1F3644

CSS Examples

Text

The CSS property to change the color of the text to Hex 003F66 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 #003F66 looks like.

```
.text, #text, p{  
    color:#003F66  
}
```

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 #003F66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003F66
}
```

Border

The CSS property to change the border of an element to Hex 003F66 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
#003F66 }
```

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

```
.border{ border-color:#003F66 }
```

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

Here you see how a box with a 4 pixel #003F66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003F66; -webkit-box-shadow:4px 4px  
4px 4px #003F66; box-shadow:4px 4px 4px  
4px #003F66 }
```

Background

The CSS property to change the background color of an element to Hex 003F66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003F66 }
```

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

```
.background{ background-color:#003F66 }
```

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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