

Converting Colors

Hex(003F63)

Have a look what the booklet for
Hex(003F63) contains.

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Color

Hex(003F63)

Conversions

Conversions Part 1

Format	Color
Hex	003F63
RGB	0, 63, 99
RGB Percent	0%, 25%, 39%
CMY	1.0000, 0.7529, 0.6118
CMYK	1.00, 0.36, 0.00, 0.61
HSL	202°, 100%, 19%
HSV	202°, 100%, 39%
XYZ	4.0296, 4.4559, 12.4521
YIQ	48.2670, -49.1040, -2.1600

Conversions

Conversions Part 2

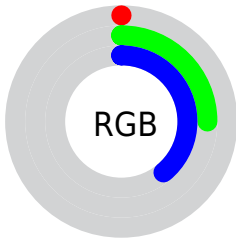
Format	Color
R_{YB}	0, 39, 99
Decimal	16227
CIE _{Lab}	25.12, -2.92, -26.17
CIE _{LCh}	25, 26.336, 263.645
Yxy	4.4559, 0.1925, 0.2128
Android (android.graphics.Color)	4278206307 (0xFF003F63)
YUV	48.2670, 25.0114, -42.3302
Hunter-Lab	21.1089, -2.8654, -20.1987

Details

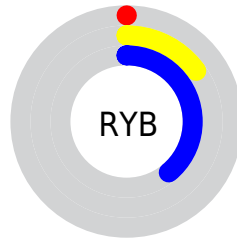
The Hex color **003F63** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **632400**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **436E96**, and **001534** is the 20% darker color. If you saturate the color by 10%, you get **003F63**, and if you desaturate by 10%, it is **0A4363**.

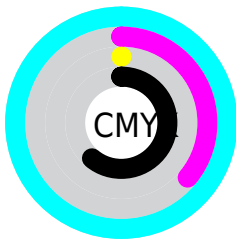
Distribution



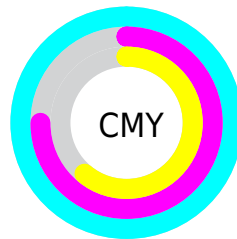
- Red (0%)
- Green (25%)
- Blue (39%)



- Red (0%)
- Yellow (15%)
- Blue (39%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (61%)



- Cyan (100%)
- Magenta (75%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003F63 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 003F63 by changing the saturation by 10% instead.

003F63

003F63

FFFFFF

00294B

436E96

001534

5E88B1

00021F

79A2CC

000001

94BDE9

000000

B0D9FF

CCF5FF

E9FFFF

003F63

■ 0A4363

■ 144663

■ 1E4A63

■ 284D63

■ 325163

■ 3B5563

■ 455863

■ 4F5C63

■ 595F63

Harmonies

Analogous

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



00435B



003F63



363860

Triad

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



003F63



602B2D



1F4323

Complementary

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



003F63



632400

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.



373F15



003F63



59321C

Square

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



003F63



5E2B41



4B3912



004537

Rectangle

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



003F63



493359



4B3912



28421E

Sweetspot

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



003F63



597280



006323



293740



BFBFBF



404040

Same Dimension

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



003F63



005180



000F63



2C2F30



004770



0099F0

Inverse Universe

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



63003F



800051



635400



302C2F



700047



F00099

Previews

White Background



This preview shows how the Hex color 003F63 looks on a white background.

Color Contrast Check

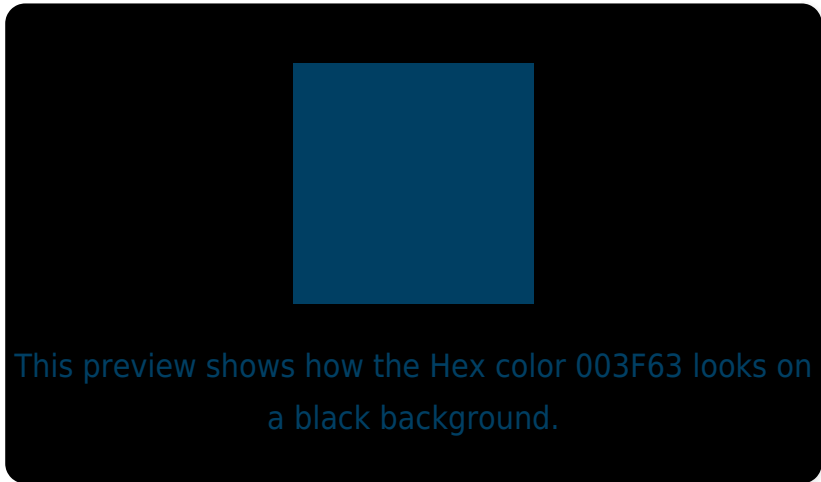
Large Text (above 18pt) WCAG AA ✓ Pass

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

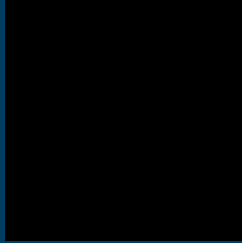
Any Text WCAG AA × Fail

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 003F63 Background



This preview shows how black text looks on a background with the Hex color 003F63.

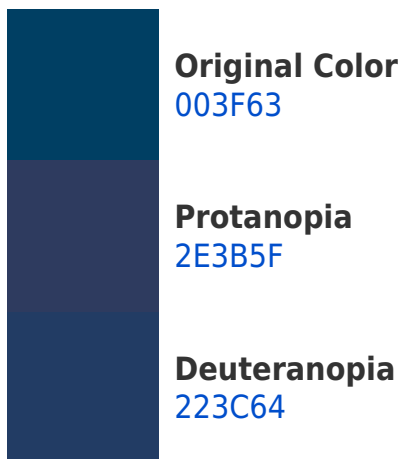


This preview shows how white text looks on a background with the Hex color 003F63.

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



Trichromacy



Original Color
003F63

Protanomaly
1D3C60

Deuteranomaly
163D64

Tritanomaly
004252

Monochromacy



Original Color
003F63

Achromatopsia
303030

Achromatomaly
1F3543

CSS Examples

Text

The CSS property to change the color of the text to Hex 003F63 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 #003F63 looks like.

```
.text, #text, p{  
    color:#003F63  
}
```

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 #003F63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003F63  
}
```

Border

The CSS property to change the border of an element to Hex 003F63 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  
#003F63 }
```

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

```
.border{ border-color:#003F63 }
```

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

Here you see how a box with a 4 pixel #003F63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003F63; -webkit-box-shadow:4px 4px  
4px 4px #003F63; box-shadow:4px 4px 4px  
4px #003F63 }
```

Background

The CSS property to change the background color of an element to Hex 003F63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003F63 }
```

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

```
.background{ background-color:#003F63 }
```

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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