

Converting Colors

Hex(003F64)

Have a look what the booklet for
Hex(003F64) contains.

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Color

Hex(003F64)

Conversions

Conversions Part 1

Format	Color
Hex	003F64
RGB	0, 63, 100
RGB Percent	0%, 25%, 39%
CMY	1.0000, 0.7529, 0.6078
CMYK	1.00, 0.37, 0.00, 0.61
HSL	202°, 100%, 20%
HSV	202°, 100%, 39%
XYZ	4.0778, 4.4751, 12.7055
YIQ	48.3810, -49.4250, -1.8490

Conversions

Conversions Part 2

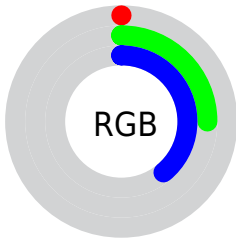
Format	Color
RYB	0, 39, 100
Decimal	16228
CIELab	25.18, -2.48, -26.73
CIELCh	25, 26.841, 264.701
Yxy	4.4751, 0.1918, 0.2105
Android (android.graphics.Color)	4278206308 (0xFF003F64)
YUV	48.3810, 25.4482, -42.4301
Hunter-Lab	21.1545, -2.6125, -20.8017

Details

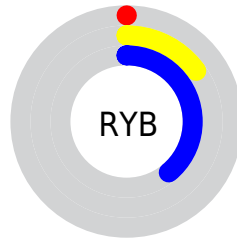
The Hex color **003F64** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **642500**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **436E97**, and **001535** is the 20% darker color. If you saturate the color by 10%, you get **003F64**, and if you desaturate by 10%, it is **0A4364**.

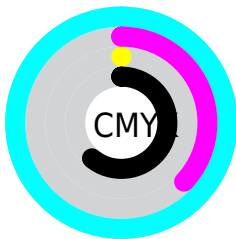
Distribution



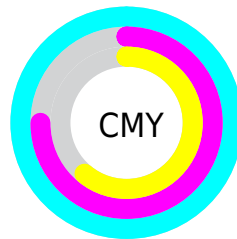
- Red (0%)
- Green (25%)
- Blue (39%)



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



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (61%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 003F64 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 003F64 by changing the saturation by 10% instead.

003F64

003F64

FFFFFF

00294C

436E97

001535

5E88B2

00021F

79A2CE

000003

95BDEA

000000

B0D8FF

CDF5FF

EAFFFF

003F64

■ 0A4364

■ 144664

■ 1E4A64

■ 284E64

■ 325164

■ 3C5564

■ 465964

■ 505D64

■ 5A6064

Harmonies

Analogous

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



00445C



003F64



373861

Triad

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



003F64



612B2C



1D4423

Complementary

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



003F64



642500

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.



374015



003F64



59321B

Square

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



003F64



5F2A40



4A3912



004637

Rectangle

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



003F64



4A3259



4A3912



27431E

Sweetspot

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



003F64



5B7482



006425



2A3942



C2C2C2



424242

Same Dimension

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



003F64



005282



000D64



2E3133



004873



0099F2

Inverse Universe

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



64003F



820052



645700



332E31



730048



F20099

Previews

White Background



This preview shows how the Hex color 003F64 looks on a white background.

Color Contrast Check

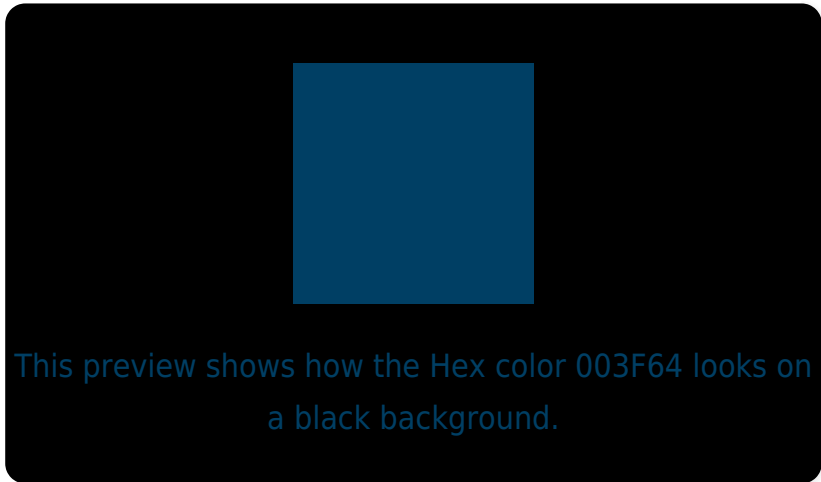
Large Text (above 18pt) WCAG AA ✓ Pass

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

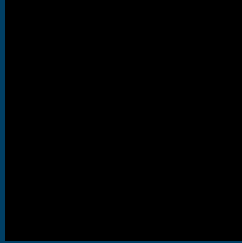
Any Text WCAG AA × Fail

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 003F64 Background



This preview shows how black text looks on a background with the Hex color 003F64.



This preview shows how white text looks on a background with the Hex color 003F64.

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
003F64

Protanopia
2E3B60

Deuteranopia
213D65

Trichromacy



Original Color
003F64

Protanomaly
1D3C61

Deuteranomaly
153E65

Tritanomaly
004252

Monochromacy



Original Color
003F64

Achromatopsia
303030

Achromatomaly
1F3543

CSS Examples

Text

The CSS property to change the color of the text to Hex 003F64 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 #003F64 looks like.

```
.text, #text, p{  
    color:#003F64  
}
```

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 #003F64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003F64
}
```

Border

The CSS property to change the border of an element to Hex 003F64 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
#003F64 }
```

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

```
.border{ border-color:#003F64 }
```

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

Here you see how a box with a 4 pixel #003F64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003F64; -webkit-box-shadow:4px 4px  
4px 4px #003F64; box-shadow:4px 4px 4px  
4px #003F64 }
```

Background

The CSS property to change the background color of an element to Hex 003F64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003F64 }
```

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

```
.background{ background-color:#003F64 }
```

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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