

Converting Colors

Hex(003B62)

Have a look what the booklet for
Hex(003B62) contains.

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Color

Hex(003B62)

Conversions

Conversions Part 1

Format	Color
Hex	003B62
RGB	0, 59, 98
RGB Percent	0%, 23%, 38%
CMY	1.0000, 0.7686, 0.6157
CMYK	1.00, 0.40, 0.00, 0.62
HSL	204°, 100%, 19%
HSV	204°, 100%, 38%
XYZ	3.7686, 4.0098, 12.1306
YIQ	45.8050, -47.6830, -0.3790

Conversions

Conversions Part 2

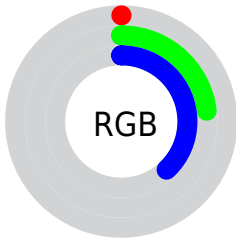
Format	Color
R _Y B	0, 37, 98
Decimal	15202
CIE Lab	23.70, -0.64, -27.78
CIE LCh	24, 27.789, 268.680
Yxy	4.0098, 0.1893, 0.2014
Android (android.graphics.Color)	4278205282 (0xFF003B62)
YUV	45.8050, 25.7321, -40.1710
Hunter-Lab	20.0244, -1.4492, -21.9003

Details

The Hex color **003B62** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **622700**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **436A95**, and **001133** is the 20% darker color. If you saturate the color by 10%, you get **003B62**, and if you desaturate by 10%, it is **0A3F62**.

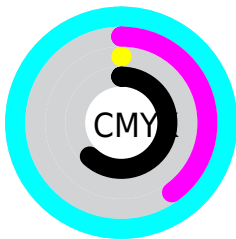
Distribution



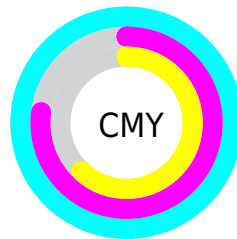
- Red (0%)
- Green (23%)
- Blue (38%)



- Red (0%)
- Yellow (15%)
- Blue (38%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (77%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003B62 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 003B62 by changing the saturation by 10% instead.

 003B62

 003B62

FFFFFF

 00264A

 436A95

 001133

 5D83B0

 00021E

 789DCB

 000000

 94B8E8

 AFD3FF

 CCF0FF

 E9FFFF

 003B62

■ 0A3F62

■ 144362

■ 1D4762

■ 274B62

■ 314F62

■ 3B5262

■ 455662

■ 4E5A62

■ 585E62

Harmonies

Analogous

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



00405C



003B62



37335D

Triad

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



003B62



5E2826



134122

Complementary

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



003B62



622700

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.



303D11



003B62



552F15

Square

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



003B62



5D263A



45370C



004237

Rectangle

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



003B62



4A2D54



45370C



1F401C

Sweetspot

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



003B62



597080



006226



293740



BFBFBF



404040

Same Dimension

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



003B62



004D80



000B62



2C2F30



004470



0090F0

Inverse Universe

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



62003B



80004D



625700



302C2F



700044



F00090

Previews

White Background



This preview shows how the Hex color 003B62 looks on a white background.

Color Contrast Check

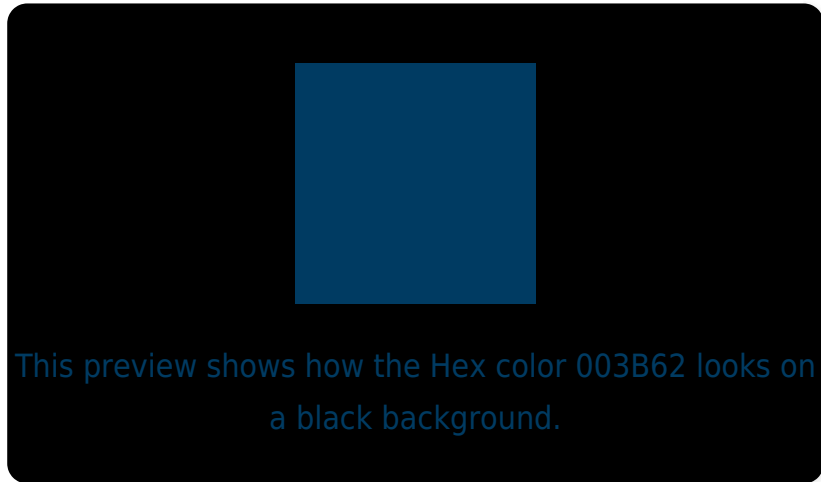
Large Text (above 18pt) WCAG AA ✓ Pass

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

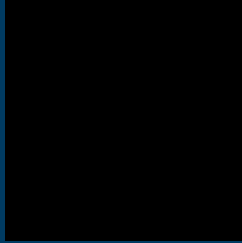
Any Text WCAG AA × Fail

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 003B62 Background



This preview shows how black text looks on a background with the Hex color 003B62.



This preview shows how white text looks on a background with the Hex color 003B62.

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
003B62

Protanopia
29385F

Deuteranopia
193A62



Tritanopia
003F44

Trichromacy



Original Color
003B62

Protanomaly
1A3960

Deuteranomaly
103A62

Tritanomaly
003E4F

Monochromacy



Original Color
003B62

Achromatopsia
2E2E2E

Achromatomaly
1D3341

CSS Examples

Text

The CSS property to change the color of the text to Hex 003B62 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 #003B62 looks like.

```
.text, #text, p{  
  color:#003B62  
}
```

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 #003B62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003B62  
}
```

Border

The CSS property to change the border of an element to Hex 003B62 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  
#003B62 }
```

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

```
.border{ border-color:#003B62 }
```

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

Here you see how a box with a 4 pixel #003B62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003B62; -webkit-box-shadow:4px 4px  
4px 4px #003B62; box-shadow:4px 4px 4px  
4px #003B62 }
```

Background

The CSS property to change the background color of an element to Hex 003B62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003B62 }
```

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

```
.background{ background-color:#003B62 }
```

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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