

Converting Colors

Hex(003B68)

Have a look what the booklet for
Hex(003B68) contains.

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Color

Hex(003B68)

Conversions

Conversions Part 1

Format	Color
Hex	003B68
RGB	0, 59, 104
RGB Percent	0%, 23%, 41%
CMY	1.0000, 0.7686, 0.5922
CMYK	1.00, 0.43, 0.00, 0.59
HSL	206°, 100%, 20%
HSV	206°, 100%, 41%
XYZ	4.0627, 4.1274, 13.6792
YIQ	46.4890, -49.6090, 1.4870

Conversions

Conversions Part 2

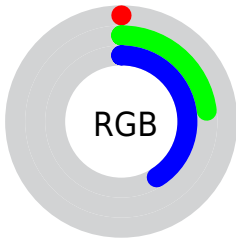
Format	Color
RYB	0, 38, 104
Decimal	15208
CIELab	24.09, 2.03, -31.05
CIElCh	24, 31.117, 273.735
Yxy	4.1274, 0.1858, 0.1887
Android (android.graphics.Color)	4278205288 (0xFF003B68)
YUV	46.4890, 28.3529, -40.7709
Hunter-Lab	20.3160, 0.1422, -25.7001

Details

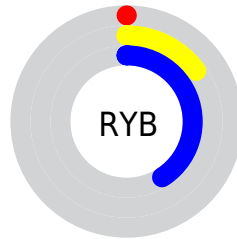
The Hex color **003B68** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **682D00**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **456A9C**, and **001138** is the 20% darker color. If you saturate the color by 10%, you get **003B68**, and if you desaturate by 10%, it is **0A4068**.

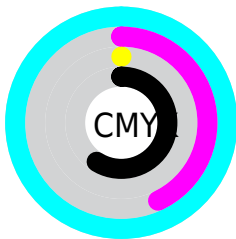
Distribution



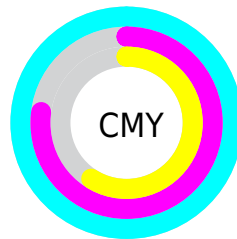
- Red (0%)
- Green (23%)
- Blue (41%)



- Red (0%)
- Yellow (15%)
- Blue (41%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (77%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003B68 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 003B68 by changing the saturation by 10% instead.

■ 003B68

■ 003B68

FFFFFF

■ 002650

■ 456A9C

■ 001138

■ 6083B7

■ 000222

■ 7B9DD2

■ 000009

■ 96B8EF

■ 000000

■ B2D3FF

■ CFEFFF

■ ECFFFF

■ 003B68

■ 0A4068

■ 154468

■ 1F4968

■ 2A4D68

■ 345268

■ 3E5668

■ 495B68

■ 535F68

■ 5E6468

Harmonies

Analogous

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



004163



003B68



3E3260

Triad

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



003B68



612721



004324

Complementary

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



003B68



682D00

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.



2B3F0F



003B68



55300E

Square

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



003B68



632337



433905



00443C

Rectangle

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



003B68



512B55



433905



14421C

Sweetspot

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



003B68



5F7687



00682B



2C3A45



C4C4C4



454545

Same Dimension

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



003B68



004D87



000968



2E3133



004173



0089F2

Inverse Universe

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



68003B



87004D



685F00



332E31



730041



F20089

Previews

White Background



This preview shows how the Hex color 003B68 looks on a white background.

Color Contrast Check

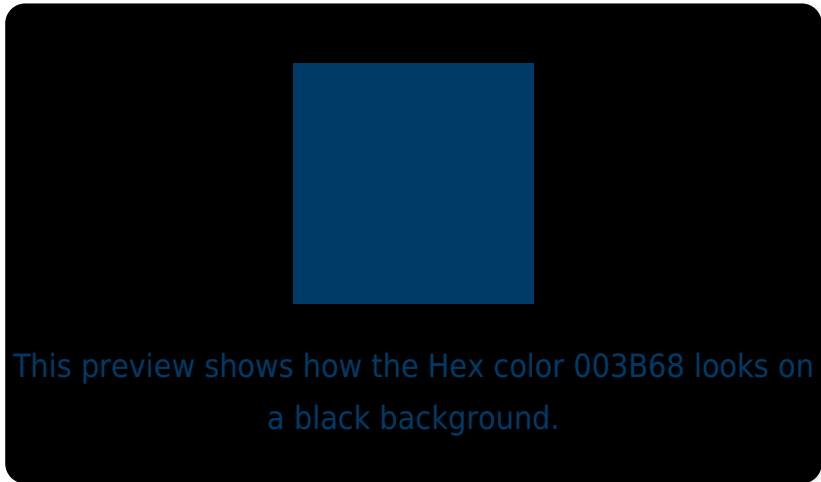
Large Text (above 18pt) WCAG AA ✓ Pass

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

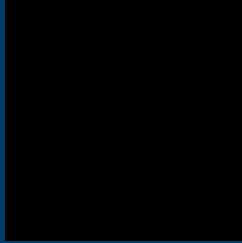
Any Text WCAG AA × Fail

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 003B68 Background



This preview shows how black text looks on a background with the Hex color 003B68.



This preview shows how white text looks on a background with the Hex color 003B68.

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
003B68

Protanopia
253865

Deuteranopia
093B68

Trichromacy



Original Color
003B68

Protanomaly
183966

Deuteranomaly
063B68

Tritanomaly
003E52

Monochromacy



Original Color
003B68

Achromatopsia
2E2E2E

Achromatomaly
1D3343

CSS Examples

Text

The CSS property to change the color of the text to Hex 003B68 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 #003B68 looks like.

```
.text, #text, p{  
    color:#003B68  
}
```

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 #003B68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003B68
}
```

Border

The CSS property to change the border of an element to Hex 003B68 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
#003B68 }
```

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

```
.border{ border-color:#003B68 }
```

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

Here you see how a box with a 4 pixel #003B68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003B68; -webkit-box-shadow:4px 4px  
4px 4px #003B68; box-shadow:4px 4px 4px  
4px #003B68 }
```

Background

The CSS property to change the background color of an element to Hex 003B68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003B68 }
```

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

```
.background{ background-color:#003B68 }
```

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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