

Converting Colors

Hex(003B6C)

Have a look what the booklet for
Hex(003B6C) contains.

Hex(003B6C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(003B6C)

Conversions

Conversions Part 1

Format	Color
Hex	003B6C
RGB	0, 59, 108
RGB Percent	0%, 23%, 42%
CMY	1.0000, 0.7686, 0.5765
CMYK	1.00, 0.45, 0.00, 0.58
HSL	207°, 100%, 21%
HSV	207°, 100%, 42%
XYZ	4.2707, 4.2106, 14.7750
YIQ	46.9450, -50.8930, 2.7310

Conversions

Conversions Part 2

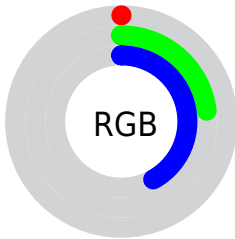
Format	Color
RYB	0, 38, 108
Decimal	15212
CIELab	24.36, 3.81, -33.20
CIELCh	24, 33.413, 276.545
Yxy	4.2106, 0.1836, 0.1811
Android (android.graphics.Color)	4278205292 (0xFF003B6C)
YUV	46.9450, 30.1001, -41.1708
Hunter-Lab	20.5198, 1.2410, -28.3270

Details

The Hex color **003B6C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6C3100**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **466AA0**, and **00113C** is the 20% darker color. If you saturate the color by 10%, you get **003B6C**, and if you desaturate by 10%, it is **0B406C**.

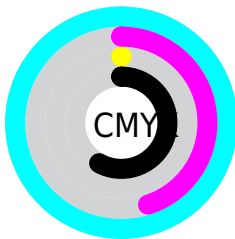
Distribution



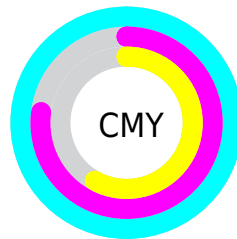
- Red (0%)
- Green (23%)
- Blue (42%)



- Red (0%)
- Yellow (15%)
- Blue (42%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (77%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003B6C 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 003B6C by changing the saturation by 10% instead.

 003B6C

 003B6C

FFFFFF

 002653

 466AA0

 00113C

 6183BB

 000226

 7C9DD7

 00010F

 98B8F3

 000000

 B4D3FF

 D1EFFF

 EEEFFF

 003B6C

■ 0B406C

■ 16456C

■ 204A6C

■ 2B4F6C

■ 36546C

■ 41586C

■ 4C5D6C

■ 56626C

■ 61676C

Harmonies

Analogous

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



004268



003B6C



423163

Triad

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



003B6C



64271D



004425

Complementary

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



003B6C



6C3100

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.



27410D



003B6C



563108

Square

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



003B6C



672135



413A00



00463F

Rectangle

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



003B6C



552956



413A00



0A431D

Sweetspot

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



003B6C



62798C



006C31



2E3C47



C7C7C7



474747

Same Dimension

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



003B6C



004D8C



00056C



303336



004075



0086F5

Inverse Universe

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



6C003B



8C004D



6C6700



363033



750040



F50086

Previews

White Background



This preview shows how the Hex color 003B6C looks on a white background.

Color Contrast Check

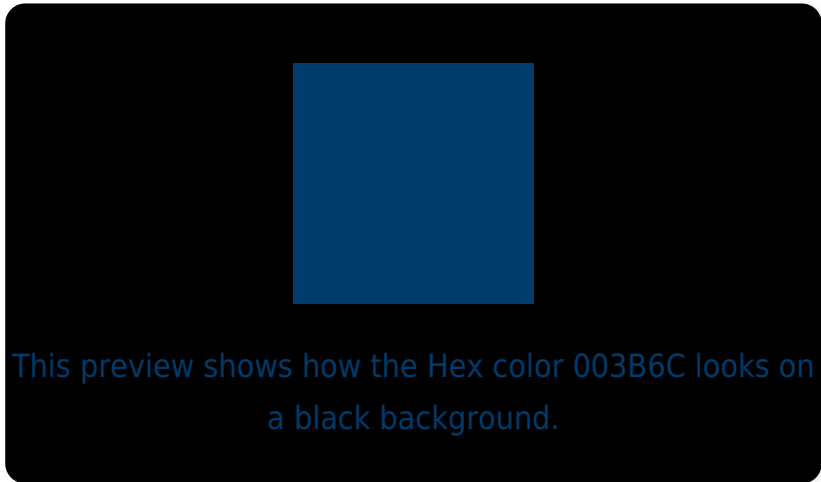
Large Text (above 18pt) WCAG AA ✓ Pass

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

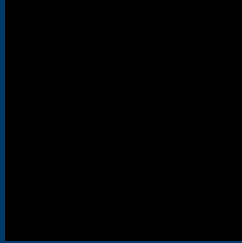
Any Text WCAG AA × Fail

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 003B6C Background



This preview shows how black text looks on a background with the Hex color 003B6C.



This preview shows how white text looks on a background with the Hex color 003B6C.

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
003B6C

Protanopia
22396A

Deuteranopia
003C69

Trichromacy



Original Color
003B6C

Protanomaly
163A6B

Deuteranomaly
003C6A

Tritanomaly
003F53

Monochromacy



Original Color
003B6C

Achromatopsia
2F2F2F

Achromatomaly
1E3345

CSS Examples

Text

The CSS property to change the color of the text to Hex 003B6C 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 #003B6C looks like.

```
.text, #text, p{  
    color:#003B6C  
}
```

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 #003B6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003B6C
}
```

Border

The CSS property to change the border of an element to Hex 003B6C 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
#003B6C }
```

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

```
.border{ border-color:#003B6C }
```

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

Here you see how a box with a 4 pixel #003B6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003B6C; -webkit-box-shadow:4px 4px  
4px 4px #003B6C; box-shadow:4px 4px 4px  
4px #003B6C }
```

Background

The CSS property to change the background color of an element to Hex 003B6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003B6C }
```

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

```
.background{ background-color:#003B6C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor