

Converting Colors

Hex(003C8F)

Have a look what the booklet for
Hex(003C8F) contains.

Hex(003C8F)	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(003C8F)

Conversions

Conversions Part 1

Format	Color
Hex	003C8F
RGB	0, 60, 143
RGB Percent	0%, 24%, 56%
CMY	1.0000, 0.7647, 0.4392
CMYK	1.00, 0.58, 0.00, 0.44
HSL	215°, 100%, 28%
HSV	215°, 100%, 56%
XYZ	6.5738, 5.2149, 26.6467
YIQ	51.5220, -62.4030, 13.0930

Conversions

Conversions Part 2

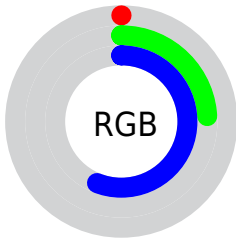
Format	Color
RYB	0, 42, 143
Decimal	15503
CIELab	27.34, 18.44, -50.38
CIELCh	27, 53.646, 290.101
Yxy	5.2149, 0.1710, 0.1357
Android (android.graphics.Color)	4278205583 (0xFF003C8F)
YUV	51.5220, 45.0987, -45.1848
Hunter-Lab	22.8361, 11.4212, -53.1982

Details

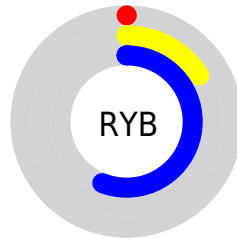
The Hex color **003C8F** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8F5300**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **526BC6**, and **00145C** is the 20% darker color. If you saturate the color by 10%, you get **003C8F**, and if you desaturate by 10%, it is **0E448F**.

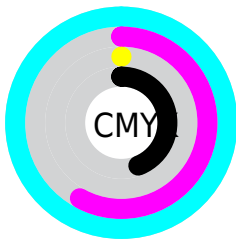
Distribution



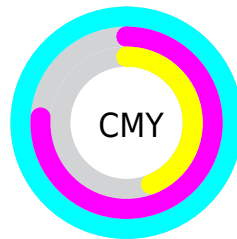
- Red (0%)
- Green (24%)
- Blue (56%)



- Red (0%)
- Yellow (16%)
- Blue (56%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (76%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003C8F 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 003C8F by changing the saturation by 10% instead.

■ 003C8F

■ 003C8F

FFFFFF

■ 002775

■ 526BC6

■ 00145C

■ 6F84E2

■ 000243

■ 8C9EFF

■ 00032C

■ A9B8FF

■ 000117

■ C6D4FF

■ 000000

■ E3F0FF

■ 003C8F

■ 0E448F

■ 1D4D8F

■ 2B558F

■ 395D8F

■ 48668F

■ 566E8F

■ 64768F

■ 727E8F

■ 81878F

Harmonies

Analogous

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



004A93



003C8F



632476

Triad

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



003C8F



772500



005131

Complementary

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



003C8F



8F5300

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.



004E00



003C8F



5B3A00

Square

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



003C8F



860227



364700



00525C

Rectangle

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



003C8F



7A0D5D



364700



005022

Sweetspot

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



003C8F



829ABA



008F51



3C4B5E



DEDEDE



5E5E5E

Same Dimension

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



003C8F



004EBA



0A008F



404347



003987



000308

Inverse Universe

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



8F003C



BA004E



858F00



474043



870039



080003

Previews

White Background



This preview shows how the Hex color 003C8F looks on a white background.

Color Contrast Check

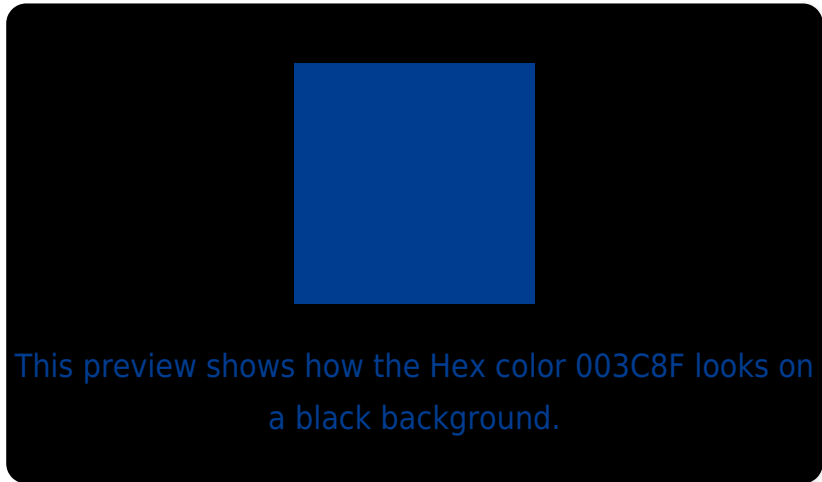
Large Text (above 18pt) WCAG AA ✓ Pass

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

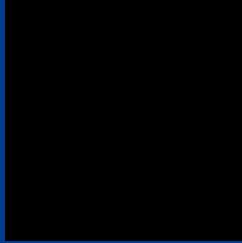
Any Text WCAG AA × Fail

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 003C8F Background



This preview shows how black text looks on a background with the Hex color 003C8F.



This preview shows how white text looks on a background with the Hex color 003C8F.

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
003C8F

Protanopia
003F85

Deuteranopia
004372



Tritanopia
00484D

Trichromacy



Original Color

003C8F

Protanomaly

003E89

Deuteranomaly

00407D

Tritanomaly

004465

Monochromacy



Original Color

003C8F

Achromatopsia

343434

Achromatomaly

213755

CSS Examples

Text

The CSS property to change the color of the text to Hex 003C8F 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 #003C8F looks like.

```
.text, #text, p{  
    color:#003C8F  
}
```

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 #003C8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003C8F
}
```

Border

The CSS property to change the border of an element to Hex 003C8F 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
#003C8F }
```

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

```
.border{ border-color:#003C8F }
```

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

Here you see how a box with a 4 pixel #003C8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003C8F; -webkit-box-shadow:4px 4px  
4px 4px #003C8F; box-shadow:4px 4px 4px  
4px #003C8F }
```

Background

The CSS property to change the background color of an element to Hex 003C8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003C8F }
```

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

```
.background{ background-color:#003C8F }
```

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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