

Converting Colors

Hex(003A8B)

Have a look what the booklet for
Hex(003A8B) contains.

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Color

Hex(003A8B)

Conversions

Conversions Part 1

Format	Color
Hex	003A8B
RGB	0, 58, 139
RGB Percent	0%, 23%, 55%
CMY	1.0000, 0.7725, 0.4549
CMYK	1.00, 0.58, 0.00, 0.45
HSL	215°, 100%, 27%
HSV	215°, 100%, 55%
XYZ	6.1733, 4.8902, 25.0446
YIQ	49.8920, -60.5690, 12.8950

Conversions

Conversions Part 2

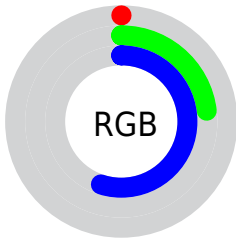
Format	Color
RYB	0, 41, 139
Decimal	14987
CIELab	26.42, 18.14, -49.40
CIELCh	26, 52.629, 290.163
Yxy	4.8902, 0.1710, 0.1354
Android (android.graphics.Color)	4278205067 (0xFF003A8B)
YUV	49.8920, 43.9302, -43.7553
Hunter-Lab	22.1138, 11.1307, -51.6684

Details

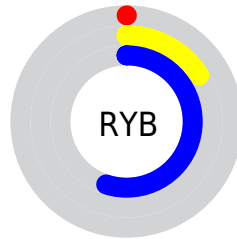
The Hex color **003A8B** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8B5100**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5168C1**, and **001258** is the 20% darker color. If you saturate the color by 10%, you get **003A8B**, and if you desaturate by 10%, it is **0E428B**.

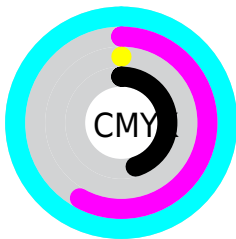
Distribution



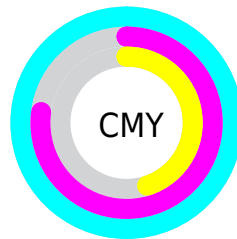
- Red (0%)
- Green (23%)
- Blue (55%)



- Red (0%)
- Yellow (16%)
- Blue (55%)



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



- Cyan (100%)
- Magenta (77%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003A8B 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 003A8B by changing the saturation by 10% instead.

■ 003A8B

■ 003A8B

FFFFFF

■ 002571

■ 5168C1

■ 001258

■ 6E81DE

■ 000440

■ 8A9BFA

■ 000329

■ A7B6FF

■ 000113

■ C4D2FF

■ 000000

■ E1EEFF

■ 003A8B

■ 0E428B

■ 1C4A8B

■ 2A528B

■ 385A8B

■ 46628B

■ 536B8B

■ 61738B

■ 6F7B8B

■ 7D838B

Harmonies

Analogous

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



00488F



003A8B



602373

Triad

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



003A8B



742300



004E2F

Complementary

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



003A8B



8B5100

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.



004B00



003A8B



593800

Square

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



003A8B



820126



344500



004F59

Rectangle

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



003A8B



760C5B



344500



004E21

Sweetspot

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



003A8B



7F95B5



008B4F



3B495C



DBDBDB



5C5C5C

Same Dimension

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



003A8B



004CB5



09008B



3E4145



003785



000205

Inverse Universe

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



8B003A



B5004C



828B00



453E41



850037



050002

Previews

White Background



This preview shows how the Hex color 003A8B looks on a white background.

Color Contrast Check

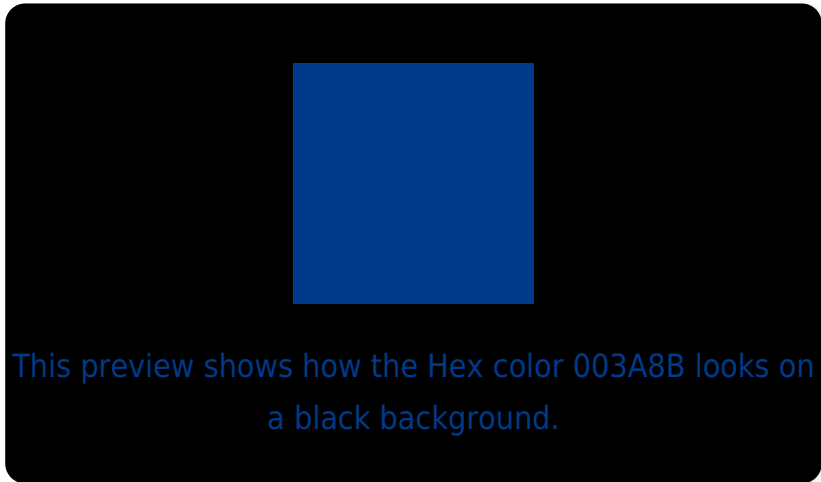
Large Text (above 18pt) WCAG AA ✓ Pass

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

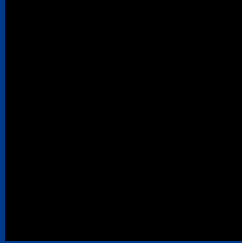
Any Text WCAG AA × Fail

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 003A8B Background



This preview shows how black text looks on a background with the Hex color 003A8B.



This preview shows how white text looks on a background with the Hex color 003A8B.

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
003A8B

Protanopia
003D81

Deuteranopia
00416F

Trichromacy



Original Color
003A8B

Protanomaly
003C85

Deuteranomaly
003E79

Tritanomaly
004262

Monochromacy



Original Color
003A8B

Achromatopsia
323232

Achromatomaly
203552

CSS Examples

Text

The CSS property to change the color of the text to Hex 003A8B 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 #003A8B looks like.

```
.text, #text, p{  
    color:#003A8B  
}
```

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 #003A8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003A8B
}
```

Border

The CSS property to change the border of an element to Hex 003A8B 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
#003A8B }
```

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

```
.border{ border-color:#003A8B }
```

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

Here you see how a box with a 4 pixel #003A8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003A8B; -webkit-box-shadow:4px 4px  
4px 4px #003A8B; box-shadow:4px 4px 4px  
4px #003A8B }
```

Background

The CSS property to change the background color of an element to Hex 003A8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003A8B }
```

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

```
.background{ background-color:#003A8B }
```

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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