

Converting Colors

Hex(003A90)

Have a look what the booklet for
Hex(003A90) contains.

Hex(003A90)	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(003A90)

Conversions

Conversions Part 1

Format	Color
Hex	003A90
RGB	0, 58, 144
RGB Percent	0%, 23%, 56%
CMY	1.0000, 0.7725, 0.4353
CMYK	1.00, 0.60, 0.00, 0.44
HSL	216°, 100%, 28%
HSV	216°, 100%, 56%
XYZ	6.5471, 5.0397, 27.0133
YIQ	50.4620, -62.1740, 14.4500

Conversions

Conversions Part 2

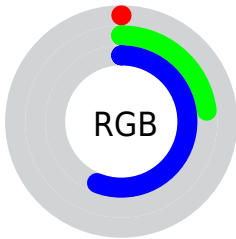
Format	Color
RYB	0, 41, 144
Decimal	14992
CIELab	26.85, 20.27, -51.80
CIElCh	27, 55.622, 291.376
Yxy	5.0397, 0.1696, 0.1306
Android (android.graphics.Color)	4278205072 (0xFF003A90)
YUV	50.4620, 46.1142, -44.2552
Hunter-Lab	22.4493, 12.7712, -55.6290

Details

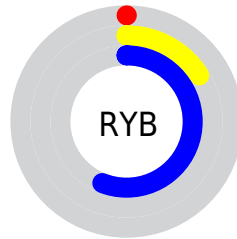
The Hex color **003A90** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **905600**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5268C7**, and **00125D** is the 20% darker color. If you saturate the color by 10%, you get **003A90**, and if you desaturate by 10%, it is **0E4390**.

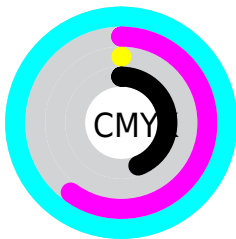
Distribution



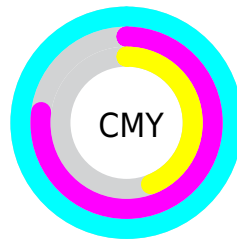
- Red (0%)
- Green (23%)
- Blue (56%)



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



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (77%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003A90 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 003A90 by changing the saturation by 10% instead.

■ 003A90

■ 003A90

FFFFFF

■ 002576

■ 5268C7

■ 00125D

■ 7081E3

■ 000244

■ 8C9BFF

■ 00032D

■ A9B6FF

■ 000117

■ C6D2FF

■ 000000

■ E4EEFF

■ 003A90

■ 0E4390

■ 1D4B90

■ 2B5490

■ 3A5C90

■ 486590

■ 566E90

■ 657690

■ 737F90

■ 828790

Harmonies

Analogous

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



004995



003A90



642075

Triad

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



003A90



762300



005031

Complementary

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



003A90



905600

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.



004D00



003A90



593900

Square

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



003A90



860024



324600



00515E

Rectangle

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



003A90



7C015C



324600



004F22

Sweetspot

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



003A90



8299BA



009054



3C4A5E



DEDEDE



5E5E5E

Same Dimension

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



003A90



004BBA



0C0090



404347



003687



000308

Inverse Universe

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



90003A



BA004B



849000



474043



870036



080003

Previews

White Background



This preview shows how the Hex color 003A90 looks on a white background.

Color Contrast Check

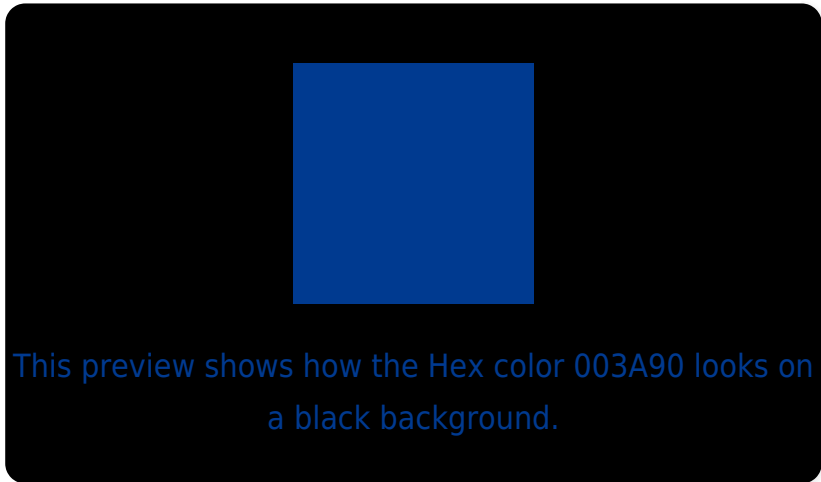
Large Text (above 18pt) WCAG AA ✓ Pass

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

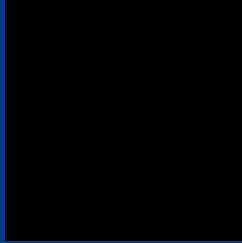
Any Text WCAG AA × Fail

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 003A90 Background



This preview shows how black text looks on a background with the Hex color 003A90.



This preview shows how white text looks on a background with the Hex color 003A90.

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

003A90

Protanopia

003E83

Deuteranopia

004270



Tritanopia
00474B

Trichromacy



Original Color
003A90

Protanomaly
003D88

Deuteranomaly
003F7C

Tritanomaly
004264

Monochromacy



Original Color
003A90

Achromatopsia
323232

Achromatomaly
203554

CSS Examples

Text

The CSS property to change the color of the text to Hex 003A90 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 #003A90 looks like.

```
.text, #text, p{  
    color:#003A90  
}
```

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 #003A90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003A90
}
```

Border

The CSS property to change the border of an element to Hex 003A90 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
#003A90 }
```

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

```
.border{ border-color:#003A90 }
```

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

Here you see how a box with a 4 pixel #003A90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003A90; -webkit-box-shadow:4px 4px  
4px 4px #003A90; box-shadow:4px 4px 4px  
4px #003A90 }
```

Background

The CSS property to change the background color of an element to Hex 003A90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003A90 }
```

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

```
.background{ background-color:#003A90 }
```

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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