

Converting Colors

Hex(00338A)

Have a look what the booklet for
Hex(00338A) contains.

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Color

Hex(00338A)

Conversions

Conversions Part 1

Format	Color
Hex	00338A
RGB	0, 51, 138
RGB Percent	0%, 20%, 54%
CMY	1.0000, 0.8000, 0.4588
CMYK	1.00, 0.63, 0.00, 0.46
HSL	218°, 100%, 27%
HSV	218°, 100%, 54%
XYZ	5.7713, 4.2026, 24.5518
YIQ	45.6690, -58.3230, 16.2450

Conversions

Conversions Part 2

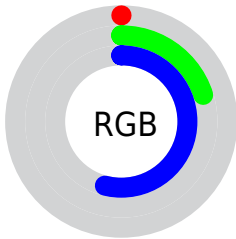
Format	Color
RYB	0, 37, 138
Decimal	13194
CIELab	24.33, 22.69, -52.20
CIELCh	24, 56.914, 293.491
Yxy	4.2026, 0.1672, 0.1217
Android (android.graphics.Color)	4278203274 (0xFF00338A)
YUV	45.6690, 45.5192, -40.0517
Hunter-Lab	20.5003, 14.3760, -56.6572

Details

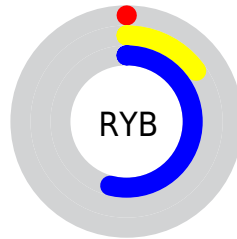
The Hex color **00338A** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8A5700**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5161C0**, and **000957** is the 20% darker color. If you saturate the color by 10%, you get **00338A**, and if you desaturate by 10%, it is **0E3C8A**.

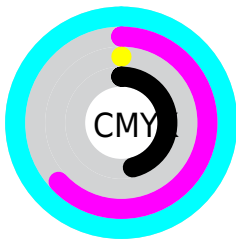
Distribution



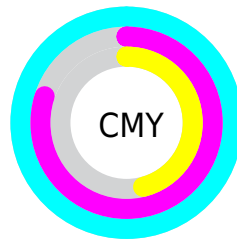
- Red (0%)
- Green (20%)
- Blue (54%)



- Red (0%)
- Yellow (15%)
- Blue (54%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (80%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00338A 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 00338A by changing the saturation by 10% instead.

■ 00338A

■ 00338A

FFFFFF

■ 001F70

■ 5161C0

■ 000957

■ 6E79DD

■ 00063F

■ 8B93F9

■ 000328

■ A7AEFF

■ 000112

■ C4C9FF

■ 000000

■ E2E5FF

■ 00338A

■ 0E3C8A

■ 1C448A

■ 294D8A

■ 37568A

■ 455E8A

■ 53678A

■ 61708A

■ 6E798A

■ 7C818A

Harmonies

Analogous

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



004391



00338A



62146E

Triad

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



00338A



6E1E00



004A2F

Complementary

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



00338A



8A5700

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.



004700



00338A



503500

Square

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



00338A



7F001B



274100



004B5B

Rectangle

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



00338A



780053



274100



00491F

Sweetspot

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



00338A



7D91B3



008A55



394559



D9D9D9



595959

Same Dimension

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



00338A



0042B3



10008A



3E4145



003185



000205

Inverse Universe

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



8A0033



B30042



7A8A00



453E41



850031



050002

Previews

White Background



This preview shows how the Hex color 00338A looks on a white background.

Color Contrast Check

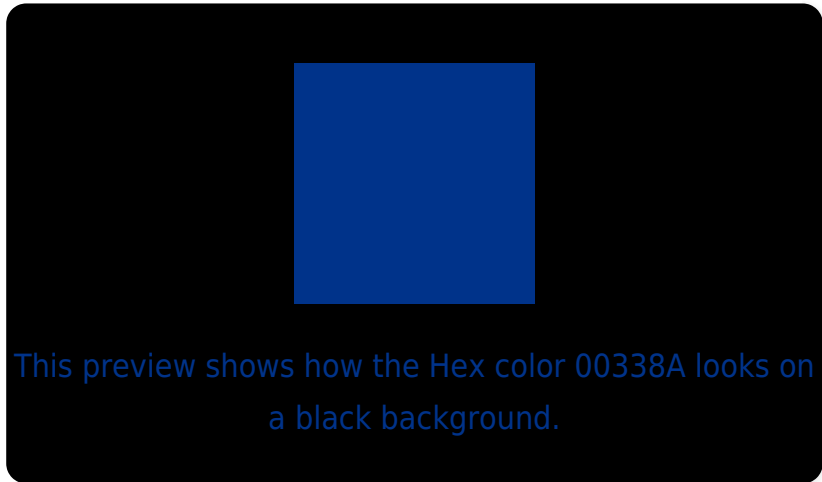
Large Text (above 18pt) WCAG AA ✓ Pass

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

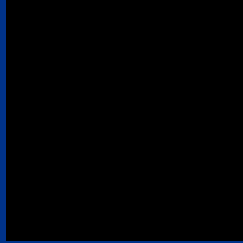
Any Text WCAG AA × Fail

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 00338A Background



This preview shows how black text looks on a background with the Hex color 00338A.



This preview shows how white text looks on a background with the Hex color 00338A.

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
00338A

Protanopia
003877

Deuteranopia
003C66

Trichromacy



Original Color
00338A

Protanomaly
00367E

Deuteranomaly
003973

Tritanomaly
003C5E

Monochromacy



Original Color
00338A

Achromatopsia
2E2E2E

Achromatomaly
1D304F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00338A 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 #00338A looks like.

```
.text, #text, p{  
    color:#00338A  
}
```

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 #00338A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00338A
}
```

Border

The CSS property to change the border of an element to Hex 00338A 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
#00338A }
```

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

```
.border{ border-color:#00338A }
```

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

Here you see how a box with a 4 pixel #00338A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00338A; -webkit-box-shadow:4px 4px  
4px 4px #00338A; box-shadow:4px 4px 4px  
4px #00338A }
```

Background

The CSS property to change the background color of an element to Hex 00338A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00338A }
```

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

```
.background{ background-color:#00338A }
```

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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