

Converting Colors

Hex(00308F)

Have a look what the booklet for
Hex(00308F) contains.

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Color

Hex(00308F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 00308F |
| RGB | 0, 48, 143 |
| RGB Percent | 0%, 19%, 56% |
| CMY | 1.0000, 0.8118, 0.4392 |
| CMYK | 1.00, 0.66, 0.00, 0.44 |
| HSL | 220°, 100%, 28% |
| HSV | 220°, 100%, 56% |
| XYZ | 6.0149, 4.0971, 26.4604 |
| YIQ | 44.4780, -59.1030, 19.3690 |

Conversions

Conversions Part 2

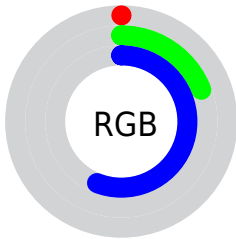
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 0, 36, 143 |
| Decimal | 12431 |
| CIE _{Lab} | 23.99, 26.88, -55.86 |
| CIE _{LCh} | 24, 61.991, 295.698 |
| Yxy | 4.0971, 0.1645, 0.1120 |
| Android (android.graphics.Color) | 4278202511 (0xFF00308F) |
| YUV | 44.4780, 48.5713, -39.0072 |
| Hunter-Lab | 20.2412, 17.6208, -63.3381 |

Details

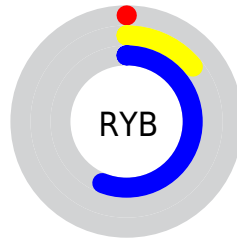
The Hex color **00308F** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8F5F00**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **535EC6**, and **00065B** is the 20% darker color. If you saturate the color by 10%, you get **00308F**, and if you desaturate by 10%, it is **0E3A8F**.

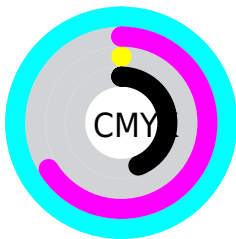
Distribution



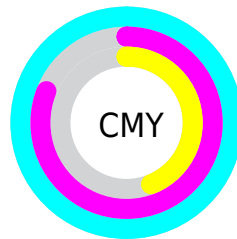
- Red (0%)
- Green (19%)
- Blue (56%)



- Red (0%)
- Yellow (14%)
- Blue (56%)



- Cyan (100%)
- Magenta (66%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (81%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00308F 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 00308F by changing the saturation by 10% instead.

■ 00308F

■ 00308F

FFFFFF

■ 001C75

■ 535EC6

■ 00065B

■ 7076E2

■ 000743

■ 8D90FF

■ 00032C

■ AAAAFF

■ 000116

■ C7C5FF

■ 000000

■ E5E1FF

FFFEFF

■ 00308F

■ 0E3A8F

■ 1D438F

■ 2B4D8F

■ 39568F

■ 48608F

■ 56698F

■ 64738F

■ 727C8F

■ 81868F

Harmonies

Analogous

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



004298



00308F



67036F

Triad

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



00308F



6E1B00



004A31

Complementary

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



00308F



8F5F00

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.



004800



00308F



4D3500

Square

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



00308F



820015



1E4200



004B61

Rectangle

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



00308F



7D0051



1E4200



004920

Sweetspot

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



00308F



8295BA



008F5D



3C485E



DEDEDE



5E5E5E

Same Dimension

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



00308F



003EBA



15008F



404347



002D87



000308

Inverse Universe

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



8F0030



BA003E



7A8F00



474043



87002D



080003

Previews

White Background



This preview shows how the Hex color 00308F looks on a white background.

Color Contrast Check

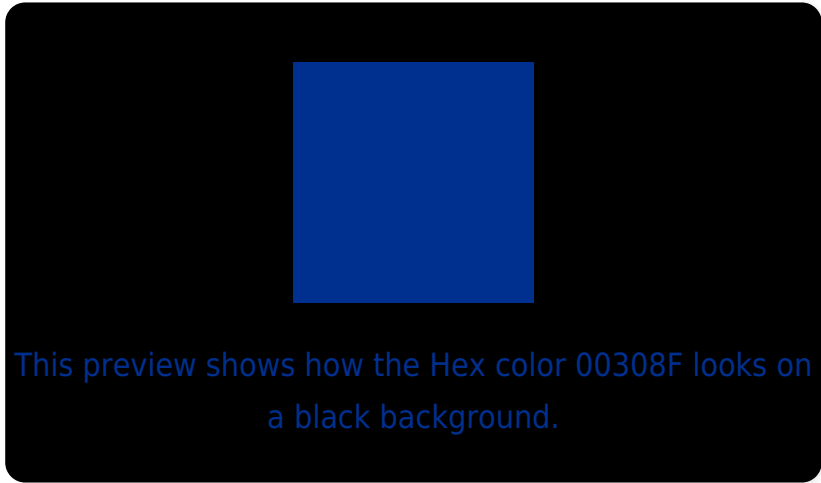
Large Text (above 18pt) WCAG AA ✓ Pass

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 00308F Background



This preview shows how black text looks on a background with the Hex color 00308F.



This preview shows how white text looks on a background with the Hex color 00308F.

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
00308F

Protanopia
003876

Deuteranopia
003B64

Trichromacy



Original Color
00308F

Protanomaly
00357F

Deuteranomaly
003774

Tritanomaly
003A5F

Monochromacy



Original Color
00308F

Achromatopsia
2C2C2C

Achromatomaly
1C2D50

CSS Examples

Text

The CSS property to change the color of the text to Hex 00308F 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 #00308F looks like.

```
.text, #text, p{  
    color:#00308F  
}
```

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 #00308F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00308F
}
```

Border

The CSS property to change the border of an element to Hex 00308F 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
#00308F }
```

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

```
.border{ border-color:#00308F }
```

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

Here you see how a box with a 4 pixel #00308F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00308F; -webkit-box-shadow:4px 4px  
4px 4px #00308F; box-shadow:4px 4px 4px  
4px #00308F }
```

Background

The CSS property to change the background color of an element to Hex 00308F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00308F }
```

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

```
.background{ background-color:#00308F }
```

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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