

Converting Colors

Hex(30308F)

Have a look what the booklet for
Hex(30308F) contains.

Hex(30308F)	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(30308F)

Conversions

Conversions Part 1

Format	Color
Hex	30308F
RGB	48, 48, 143
RGB Percent	19%, 19%, 56%
CMY	0.8118, 0.8118, 0.4392
CMYK	0.66, 0.66, 0.00, 0.44
HSL	240°, 50%, 37%
HSV	240°, 66%, 56%
XYZ	7.2338, 4.7255, 26.5174
YIQ	58.8300, -30.4950, 29.5450

Conversions

Conversions Part 2

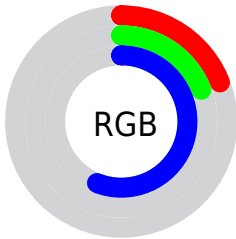
Format	Color
RYB	48, 48, 143
Decimal	3158159
CIELab	25.94, 31.12, -52.59
CIELCh	26, 61.111, 300.618
Yxy	4.7255, 0.1880, 0.1228
Android (android.graphics.Color)	4281348239 (0xFF30308F)
YUV	58.8300, 41.4958, -9.4979
Hunter-Lab	21.7381, 21.3579, -57.1088

Details

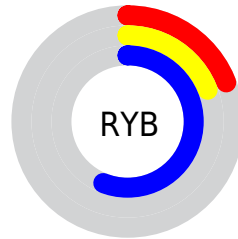
The Hex color **30308F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8F8F30**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **6A5FC6**, and **00065C** is the 20% darker color. If you saturate the color by 10%, you get **22228F**, and if you desaturate by 10%, it is **3E3E8F**.

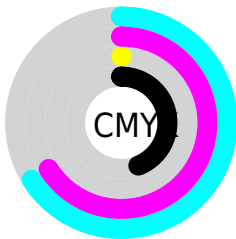
Distribution



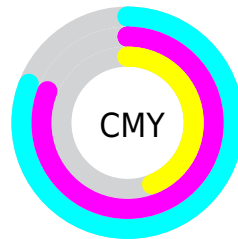
- Red (19%)
- Green (19%)
- Blue (56%)



- Red (19%)
- Yellow (19%)
- Blue (56%)



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



- Cyan (81%)
- Magenta (81%)
- Yellow (44%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30308F 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 30308F by changing the saturation by 10% instead.

■ 30308F

■ 30308F

FFFFFF

■ 061B75

■ 6A5FC6

■ 00065C

■ 8677E2

■ 000043

■ A291FF

■ 00032C

■ BFACFF

■ 000116

■ DCC7FF

■ 000000

■ FAE3FF

■ 30308F

■ 30308F

■ 22228F

■ 3E3E8F

■ 13138F

■ 4D4D8F

■ 05058F

■ 5B5B8F

■ 00008F

■ 69698F

■ 78788F

■ 86868F

■ 94948F

■ A2A28F

■ B1B18F

Harmonies

Analogous

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



00449C



30308F



73016C

Triad

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



30308F



6F2600



004F3D

Complementary

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



30308F



8F8F30

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.



004D07



30308F



4C3C00

Square

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



30308F



850011



194800



00506C

Rectangle

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



30308F



85004E



194800



004E2D

Sweetspot

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



30308F



9595BA



308F8F



48485E



DEDEDE



5E5E5E

Same Dimension

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



30308F



2525BA



60308F



404047



000087



000008

Inverse Universe

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



8F308F



BA25BA



608F30



474047



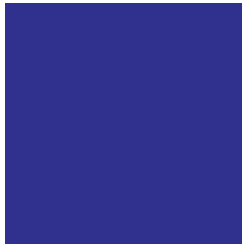
870087



080008

Previews

White Background



This preview shows how the Hex color 30308F looks on a white background.

Color Contrast Check

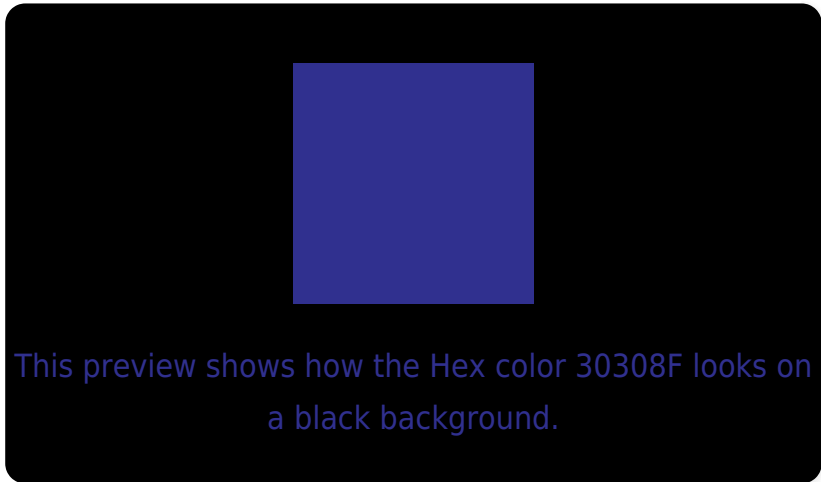
Large Text (above 18pt) WCAG AA ✓ Pass

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

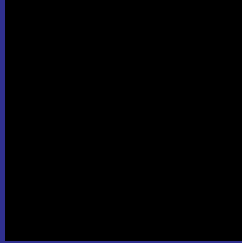
Any Text WCAG AA × Fail

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 30308F Background



This preview shows how black text looks on a background with the Hex color 30308F.



This preview shows how white text looks on a background with the Hex color 30308F.

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
30308F

Protanopia
003B7D

Deuteranopia
003F6C

Trichromacy



Original Color
30308F

Protanomaly
113784

Deuteranomaly
113A79

Tritanomaly
113D62

Monochromacy



Original Color
30308F

Achromatopsia
3B3B3B

Achromatomaly
37375A

CSS Examples

Text

The CSS property to change the color of the text to Hex 30308F 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 #30308F looks like.

```
.text, #text, p{  
    color:#30308F  
}
```

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 #30308F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30308F
}
```

Border

The CSS property to change the border of an element to Hex 30308F 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".

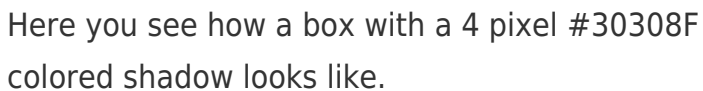
```
.border, #border, table{ border:4px solid
#30308F }
```

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

```
.border{ border-color:#30308F }
```

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

Here you see how a box with a 4 pixel #30308F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30308F; -webkit-box-shadow:4px 4px  
4px 4px #30308F; box-shadow:4px 4px 4px  
4px #30308F }
```

Background

The CSS property to change the background color of an element to Hex 30308F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30308F }
```

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

```
.background{ background-color:#30308F }
```

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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