

Converting Colors

Hex(09308E)

Have a look what the booklet for
Hex(09308E) contains.

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Color

Hex(09308E)

Conversions

Conversions Part 1

Format	Color
Hex	09308E
RGB	9, 48, 142
RGB Percent	4%, 19%, 56%
CMY	0.9647, 0.8118, 0.4431
CMYK	0.94, 0.66, 0.00, 0.44
HSL	222°, 88%, 30%
HSV	222°, 94%, 56%
XYZ	6.0521, 4.1250, 26.0684
YIQ	47.0550, -53.4180, 20.9660

Conversions

Conversions Part 2

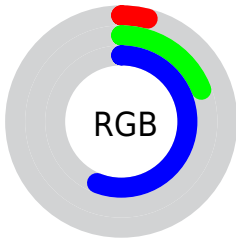
Format	Color
R_YB	9, 39, 142
Decimal	602254
CIE Lab	24.08, 26.90, -55.08
CIE LCh	24, 61.302, 296.028
Yxy	4.1250, 0.1670, 0.1138
Android (android.graphics.Color)	4278792334 (0xFF09308E)
YUV	47.0550, 46.8079, -33.3742
Hunter-Lab	20.3100, 17.6478, -61.8831

Details

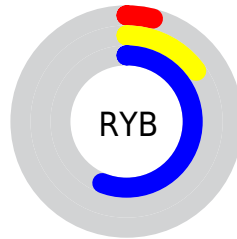
The Hex color **09308E** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8E6709**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **555EC5**, and **00065B** is the 20% darker color. If you saturate the color by 10%, you get **002A8E**, and if you desaturate by 10%, it is **173A8E**.

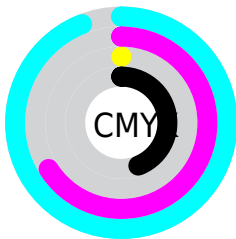
Distribution



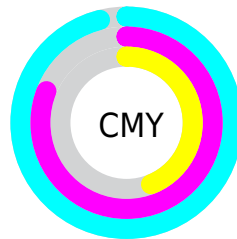
- Red (4%)
- Green (19%)
- Blue (56%)



- Red (4%)
- Yellow (15%)
- Blue (56%)



- Cyan (94%)
- Magenta (66%)
- Yellow (0%)
- Black (44%)



- Cyan (96%)
- Magenta (81%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09308E 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 09308E by changing the saturation by 10% instead.

 09308E

 09308E

FFFFFF

 001C74

 555EC5

 00065B

 7276E1

 000642

 8F90FE

 00032B

 ACAAFF

 000115

 C9C6FF

 000000

 E7E2FF

FFFEFF

 09308E

 09308E

■ 002A8E

■ 173A8E

■ 25448E

■ 344E8E

■ 42588E

■ 50628E

■ 5E6C8E

■ 6C768E

■ 7B808E

■ 898A8E

Harmonies

Analogous

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



004297



09308E



68046E

Triad

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



09308E



6E1D00



004A32

Complementary

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



09308E



8E6709

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



09308E



4D3600

Square

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



09308E



820015



1E4200



004B61

Rectangle

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



09308E



7D0051



1E4200



004A21

Sweetspot

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



09308E



8493B8



098E66



3D465C



DBDBDB



5C5C5C

Same Dimension

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



09308E



0036B8



24098E



404247



002887



000208

Inverse Universe

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



8E0930



B80036



738E09



474042



870028



080002

Previews

White Background



This preview shows how the Hex color 09308E looks on a white background.

Color Contrast Check

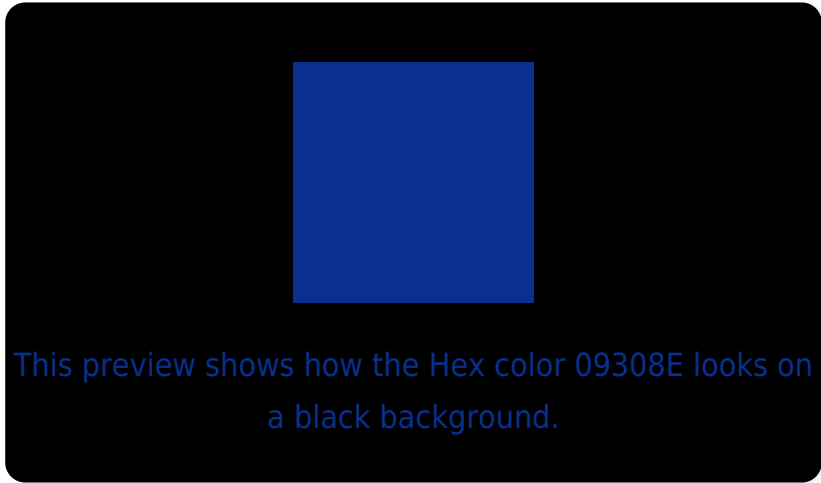
Large Text (above 18pt) WCAG AA ✓ Pass

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

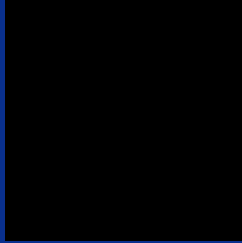
Any Text WCAG AA × Fail

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 09308E Background



This preview shows how black text looks on a background with the Hex color 09308E.

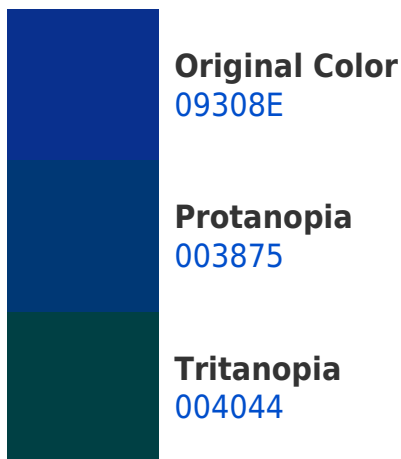


This preview shows how white text looks on a background with the Hex color 09308E.

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



Trichromacy



Original Color
09308E

Protanomaly
03357E

Tritanomaly
033A5F

Monochromacy



Original Color
09308E

Achromatopsia
2F2F2F

Achromatomaly
212F52

CSS Examples

Text

The CSS property to change the color of the text to Hex 09308E 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 #09308E looks like.

```
.text, #text, p{  
    color:#09308E  
}
```

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 #09308E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09308E
}
```

Border

The CSS property to change the border of an element to Hex 09308E 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
#09308E }
```

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

```
.border{ border-color:#09308E }
```

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

Here you see how a box with a 4 pixel #09308E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09308E; -webkit-box-shadow:4px 4px  
4px 4px #09308E; box-shadow:4px 4px 4px  
4px #09308E }
```

Background

The CSS property to change the background color of an element to Hex 09308E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09308E }
```

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

```
.background{ background-color:#09308E }
```

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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