

Converting Colors

Hex(09388D)

Have a look what the booklet for
Hex(09388D) contains.

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Color

Hex(09388D)

Conversions

Conversions Part 1

Format	Color
Hex	09388D
RGB	9, 56, 141
RGB Percent	4%, 22%, 55%
CMY	0.9647, 0.7804, 0.4471
CMYK	0.94, 0.60, 0.00, 0.45
HSL	219°, 88%, 29%
HSV	219°, 94%, 55%
XYZ	6.3345, 4.8095, 25.7938
YIQ	51.6370, -55.2970, 16.4710

Conversions

Conversions Part 2

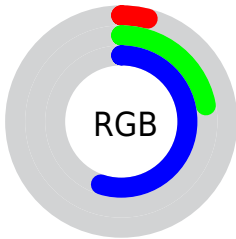
Format	Color
R _Y B	9, 44, 141
Decimal	604301
CIE Lab	26.19, 20.89, -51.02
CIE LCh	26, 55.128, 292.265
Yxy	4.8095, 0.1715, 0.1302
Android (android.graphics.Color)	4278794381 (0xFF09388D)
YUV	51.6370, 44.0560, -37.3926
Hunter-Lab	21.9306, 13.1803, -54.3828

Details

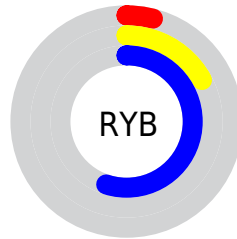
The Hex color **09388D** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8D5E09**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **5466C3**, and **00105A** is the 20% darker color. If you saturate the color by 10%, you get **00328D**, and if you desaturate by 10%, it is **17418D**.

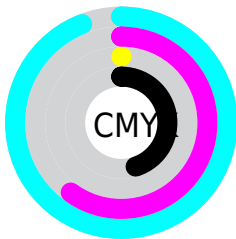
Distribution



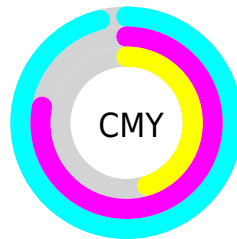
- Red (4%)
- Green (22%)
- Blue (55%)



- Red (4%)
- Yellow (17%)
- Blue (55%)



- Cyan (94%)
- Magenta (60%)
- Yellow (0%)
- Black (45%)



- Cyan (96%)
- Magenta (78%)
- Yellow (45%)
- Black (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09388D 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 09388D by changing the saturation by 10% instead.

■ 09388D

■ 09388D

FFFFFF

■ 002373

■ 5466C3

■ 00105A

■ 717FE0

■ 000342

■ 8D99FD

■ 00032B

■ AAB4FF

■ 000115

■ C7CFFF

■ 000000

■ E5EBFF

■ 09388D

■ 09388D

■ 00328D

■ 17418D

■ 254A8D

■ 33538D

■ 415C8D

■ 50658D

■ 5E6E8D

■ 6C788D

■ 7A818D

■ 888A8D

Harmonies

Analogous

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



004793



09388D



641E72

Triad

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



09388D



732300



004E31

Complementary

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



09388D



8D5E09

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.



004B00



09388D



563900

Square

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



09388D



830021



2F4500



004F5D

Rectangle

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



09388D



7A0059



2F4500



004E22

Sweetspot

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



09388D



8496B8



098D5D



3D485C



DBDBDB



5C5C5C

Same Dimension

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



09388D



0041B8



1B098D



404347



003087



000308

Inverse Universe

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



8D0938



B80041



7B8D09



474043



870030



080003

Previews

White Background



This preview shows how the Hex color 09388D looks on a white background.

Color Contrast Check

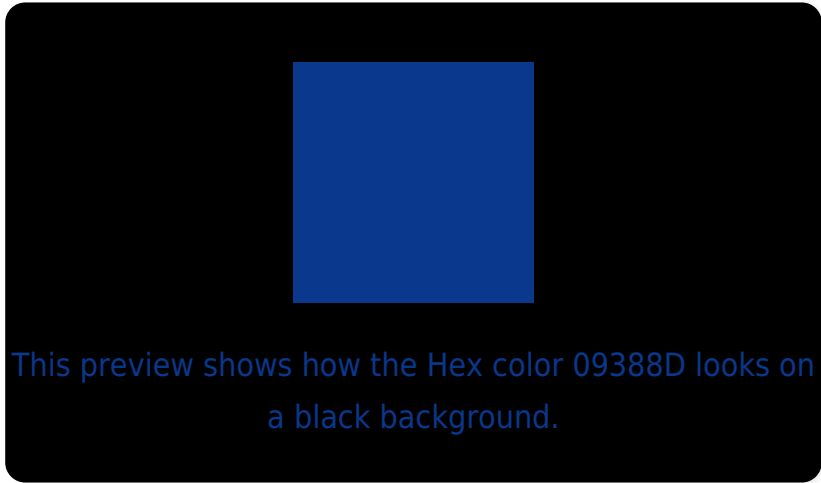
Large Text (above 18pt) WCAG AA ✓ Pass

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

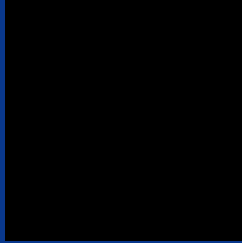
Any Text WCAG AA × Fail

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 09388D Background



This preview shows how black text looks on a background with the Hex color 09388D.



This preview shows how white text looks on a background with the Hex color 09388D.

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
09388D

Protanopia
003C7F

Deuteranopia
00406D

Trichromacy



Original Color
09388D

Protanomaly
033B84

Deuteranomaly
033D79

Tritanomaly
034062

Monochromacy



Original Color
09388D

Achromatopsia
343434

Achromatomaly
243554

CSS Examples

Text

The CSS property to change the color of the text to Hex 09388D 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 #09388D looks like.

```
.text, #text, p{  
    color:#09388D  
}
```

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 #09388D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09388D
}
```

Border

The CSS property to change the border of an element to Hex 09388D 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
#09388D }
```

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

```
.border{ border-color:#09388D }
```

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

Here you see how a box with a 4 pixel #09388D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09388D; -webkit-box-shadow:4px 4px  
4px 4px #09388D; box-shadow:4px 4px 4px  
4px #09388D }
```

Background

The CSS property to change the background color of an element to Hex 09388D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09388D }
```

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

```
.background{ background-color:#09388D }
```

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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