

Converting Colors

Hex(09258E)

Have a look what the booklet for
Hex(09258E) contains.

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Color

Hex(09258E)

Conversions

Conversions Part 1

Format	Color
Hex	09258E
RGB	9, 37, 142
RGB Percent	4%, 15%, 56%
CMY	0.9647, 0.8549, 0.4431
CMYK	0.94, 0.74, 0.00, 0.44
HSL	227°, 88%, 30%
HSV	227°, 94%, 56%
XYZ	5.6567, 3.3342, 25.9366
YIQ	40.5980, -50.3930, 26.7190

Conversions

Conversions Part 2

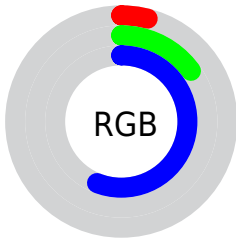
Format	Color
R_{YB}	9, 32, 142
Decimal	599438
CIE _{Lab}	21.34, 34.29, -59.61
CIE _{LCh}	21, 68.764, 299.907
Yxy	3.3342, 0.1620, 0.0955
Android (android.graphics.Color)	4278789518 (0xFF09258E)
YUV	40.5980, 49.9912, -27.7114
Hunter-Lab	18.2598, 23.3429, -71.4349

Details

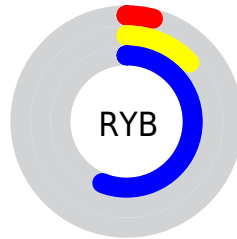
The Hex color **09258E** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8E7209**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **5652C5**, and **00005A** is the 20% darker color. If you saturate the color by 10%, you get **001E8E**, and if you desaturate by 10%, it is **17308E**.

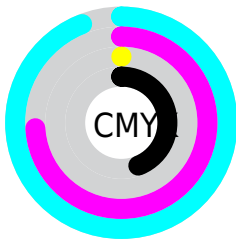
Distribution



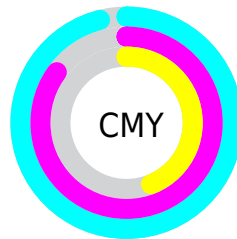
- Red (4%)
- Green (15%)
- Blue (56%)



- Red (4%)
- Yellow (13%)
- Blue (56%)



- Cyan (94%)
- Magenta (74%)
- Yellow (0%)
- Black (44%)



- Cyan (96%)
- Magenta (85%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09258E 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 09258E by changing the saturation by 10% instead.

■ 09258E

■ 09258E

FFFFFF

■ 001174

■ 5652C5

■ 00005A

■ 746BE1

■ 000742

■ 9184FE

■ 00032B

■ AE9EFF

■ 000115

■ CBB9FF

■ 000000

■ E9D5FF

■ FFF1FF

■ 09258E

■ 09258E

■ 001E8E

■ 17308E

■ 253B8E

■ 34478E

■ 42528E

■ 505D8E

■ 5E688E

■ 6C738E

■ 7B7F8E

■ 898A8E

Harmonies

Analogous

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



003C9C



09258E



6B0067

Triad

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



09258E



661500



004432

Complementary

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



09258E



8E7209

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.



004200



09258E



403200

Square

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



09258E



7F0000



003E00



004566

Rectangle

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



09258E



7F0047



003E00



004420

Sweetspot

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



09258E



848FB8



098E71



3D435C



DBDBDB



5C5C5C

Same Dimension

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



09258E



0027B8



2F098E



404247



001C87



000208

Inverse Universe

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



8E0925



B80027



688E09



474042



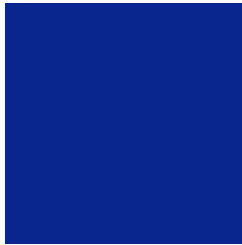
87001C



080002

Previews

White Background



This preview shows how the Hex color 09258E looks on a white background.

Color Contrast Check

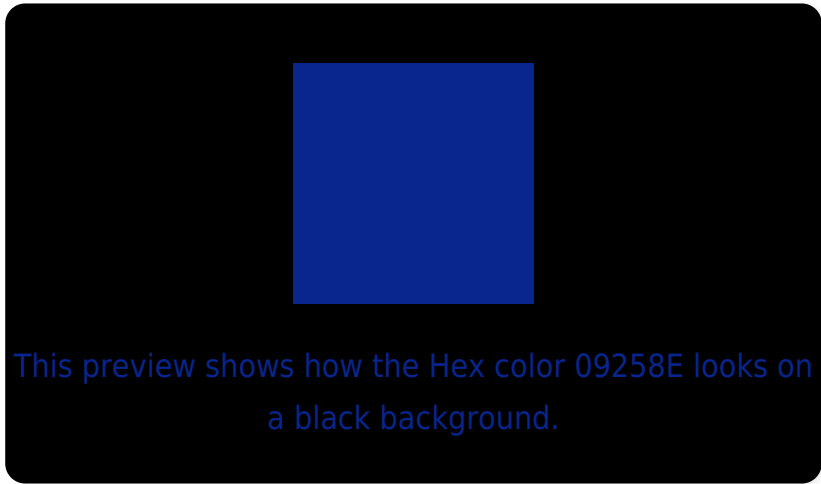
Large Text (above 18pt) WCAG AA ✓ Pass

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

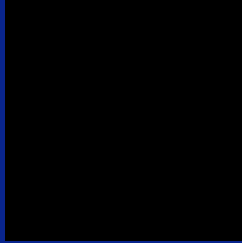
Any Text WCAG AA × Fail

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 09258E Background



This preview shows how black text looks on a background with the Hex color 09258E.



This preview shows how white text looks on a background with the Hex color 09258E.

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
09258E

Protanopia
003269

Deuteranopia
00365A

Trichromacy



Original Color
09258E

Protanomaly
032D76

Deuteranomaly
03306D

Tritanomaly
03325A

Monochromacy



Original Color
09258E

Achromatopsia
292929

Achromatomaly
1D284E

CSS Examples

Text

The CSS property to change the color of the text to Hex 09258E 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 #09258E looks like.

```
.text, #text, p{  
    color:#09258E  
}
```

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 #09258E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09258E
}
```

Border

The CSS property to change the border of an element to Hex 09258E is called "border". The border property can be set on classes, ids or directly on the HTML element.

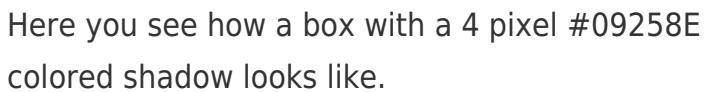
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#09258E }
```

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

```
.border{ border-color:#09258E }
```

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



Here you see how a box with a 4 pixel #09258E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09258E; -webkit-box-shadow:4px 4px  
4px 4px #09258E; box-shadow:4px 4px 4px  
4px #09258E }
```

Background

The CSS property to change the background color of an element to Hex 09258E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09258E }
```

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

```
.background{ background-color:#09258E }
```

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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