

Converting Colors

Hex(9F338B)

Have a look what the booklet for
Hex(9F338B) contains.

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Color

Hex(9F338B)

Conversions

Conversions Part 1

Format	Color
Hex	9F338B
RGB	159, 51, 139
RGB Percent	62%, 20%, 55%
CMY	0.3765, 0.8000, 0.4549
CMYK	0.00, 0.68, 0.13, 0.38
HSL	311°, 51%, 41%
HSV	311°, 68%, 62%
XYZ	20.1421, 11.6027, 25.6040
YIQ	93.3240, 36.1200, 50.2640

Conversions

Conversions Part 2

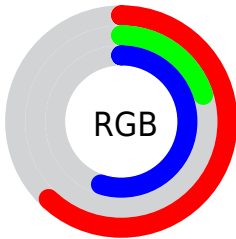
Format	Color
R_{YB}	159, 51, 139
Decimal	10433419
CIE _{Lab}	40.58, 54.23, -25.90
CIE _{LCh}	41, 60.096, 334.471
Yxy	11.6027, 0.3512, 0.2023
Android (android.graphics.Color)	4288623499 (0xFF9F338B)
YUV	93.3240, 22.5183, 57.5979
Hunter-Lab	34.0627, 45.9418, -20.7229

Details

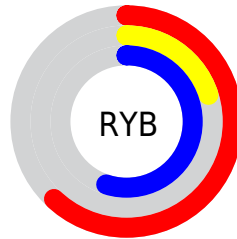
The Hex color **9F338B** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **339F47**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **D86AC1**, and **680059** is the 20% darker color. If you saturate the color by 10%, you get **9F2388**, and if you desaturate by 10%, it is **9F438E**.

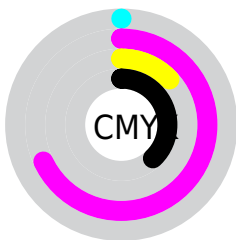
Distribution



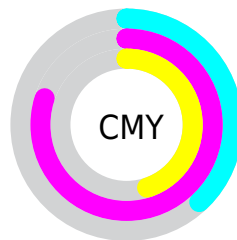
- Red (62%)
- Green (20%)
- Blue (55%)



- Red (62%)
- Yellow (20%)
- Blue (55%)



- Cyan (0%)
- Magenta (68%)
- Yellow (13%)
- Black (38%)



- Cyan (38%)
- Magenta (80%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F338B 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 9F338B by changing the saturation by 10% instead.

 9F338B

 9F338B

FFFFFF

 831271

 D86AC1

 680059

 F685DD

 4D0041

 FFA1F9

 36002B

 FFBDFE

 150015

 FFDAFF

 000000

 FFF7FF

 9F338B

 9F338B

 9F2388

 9F438E

■ 9F1385

■ 9F5391

■ 9F0382

■ 9F6394

■ 9F0082

■ 9F7397

■ 9F839A

■ 9F929D

■ 9FA2A0

■ 9FB2A3

■ 9FC2A5

Harmonies

Analogous

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



674FB2



9F338B



B4225A

Triad

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



9F338B



6E6000



007596

Complementary

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



9F338B



339F47

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.



007566



9F338B



3A6C00

Square

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



9F338B



954D00



007232



0070B9

Rectangle

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



9F338B



B32B3A



007232



007587

Sweetspot

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



9F338B



CFA5C7



47339F



694F64



E8E8E8



696969

Same Dimension

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



9F338B



CF25AF



9F3355



4F474E



8F0074



0F000C

Inverse Universe

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



9F338B



CF25AF



339F7D



4F474E



8F0074



0F000C

Previews

White Background



This preview shows how the Hex color 9F338B looks on a white background.

Color Contrast Check

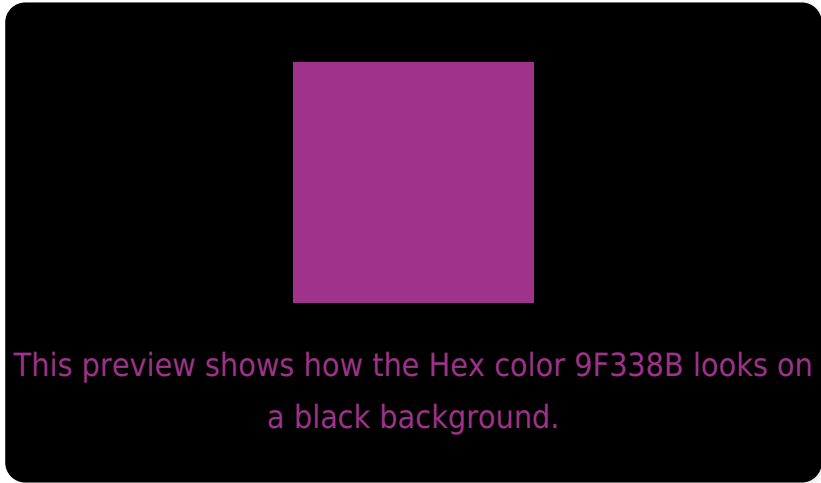
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

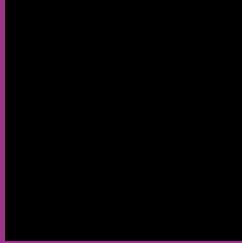
Any Text WCAG AA × Fail

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 9F338B Background



This preview shows how black text looks on a background with the Hex color 9F338B.

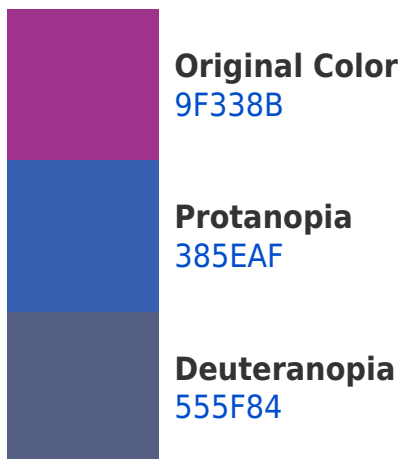


This preview shows how white text looks on a background with the Hex color 9F338B.

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





Tritanopia
99464B

Trichromacy



Original Color
9F338B



Protanomaly
5D4EA2



Deuteranomaly
704F87



Tritanomaly
9B3F62

Monochromacy



Original Color
9F338B



Achromatopsia
5D5D5D



Achromatomaly
754E6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F338B 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 #9F338B looks like.

```
.text, #text, p{  
    color:#9F338B  
}
```

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 #9F338B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F338B
}
```

Border

The CSS property to change the border of an element to Hex 9F338B 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
#9F338B }
```

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

```
.border{ border-color:#9F338B }
```

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

Here you see how a box with a 4 pixel #9F338B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F338B; -webkit-box-shadow:4px 4px  
4px 4px #9F338B; box-shadow:4px 4px 4px  
4px #9F338B }
```

Background

The CSS property to change the background color of an element to Hex 9F338B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F338B }
```

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

```
.background{ background-color:#9F338B }
```

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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