

# Converting Colors

Hex(9F2388)

Have a look what the booklet for  
Hex(9F2388) contains.

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# Color

**Hex(9F2388)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F2388
RGB	159, 35, 136
RGB Percent	62%, 14%, 53%
CMY	0.3765, 0.8627, 0.4667
CMYK	0.00, 0.78, 0.14, 0.38
HSL	311°, 64%, 38%
HSV	311°, 78%, 62%
XYZ	19.3430, 10.3506, 24.2709
YIQ	83.5900, 41.4830, 57.6990

# Conversions

## Conversions Part 2

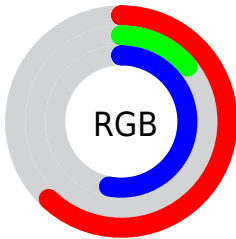
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	159, 35, 136
Decimal	10429320
CIE <sub>Lab</sub>	38.46, 59.34, -27.36
CIE <sub>LCh</sub>	38, 65.347, 335.246
Yxy	10.3506, 0.3584, 0.1918
Android (android.graphics.Color)	4288619400 (0xFF9F2388)
YUV	83.5900, 25.8381, 66.1346
Hunter-Lab	32.1723, 51.0186, -22.2080

# Details

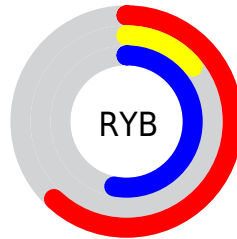
The Hex color **9F2388** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **239F3A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **D95EBE**, and **670056** is the 20% darker color. If you saturate the color by 10%, you get **9F1385**, and if you desaturate by 10%, it is **9F338B**.

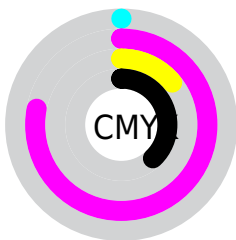
# Distribution



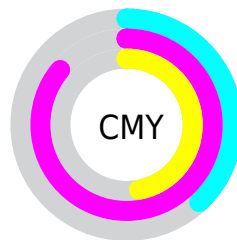
- Red (62%)
- Green (14%)
- Blue (53%)



- Red (62%)
- Yellow (14%)
- Blue (53%)



- Cyan (0%)
- Magenta (78%)
- Yellow (14%)
- Black (38%)



- Cyan (38%)
- Magenta (86%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F2388 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 9F2388 by changing the saturation by 10% instead.



 9F2388

 9F2388

FFFFFF

 83006E

 D95EBE

 670056

 F67ADA

 4C003E

 FF96F6

 340028

 FFB2FF

 100011

 FFCFFF

 000000

 FFECFF

 9F2388

 9F2388

 9F1385

 9F338B

9F0382

9F438E

9F0082

9F5391

9F6394

9F7297

9F829A

9F929D

9FA2A0

9FB2A3

# Harmonies

## Analogous

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



6247B2



9F2388



B40054

# Triad

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



9F2388



675C00



007097

# Complementary

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



9F2388



239F3A

# 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.



007163



9F2388



2C6800

# Square

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



9F2388



914600



006E2A



006CBC

# Rectangle

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



9F2388



B21731



006E2A



007187



# Sweetspot

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



9F2388



CF9FC6



3A239F



694B63



E8E8E8



696969



# Same Dimension

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



9F2388



CF0CAB



9F234A



4F474E



8F0074



0F000C



# Inverse Universe

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



9F2388



CF0CAB



239F78



4F474E



8F0074



0F000C



# Previews

## White Background



This preview shows how the Hex color 9F2388 looks on a white background.

## Color Contrast Check

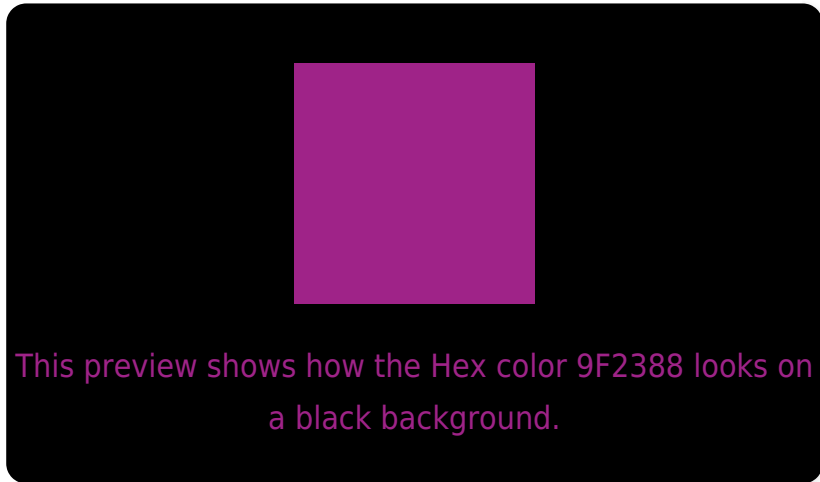
Large Text (above 18pt) WCAG AA ✓ Pass

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

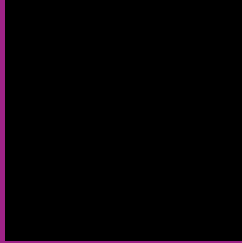
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9F2388 Background



This preview shows how black text looks on a background with the Hex color 9F2388.



This preview shows how white text looks on a background with the Hex color 9F2388.

# 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**  
983D41

# Trichromacy



**Original Color**  
9F2388



**Protanomaly**  
4F45A5



**Deuteranomaly**  
6C4783



**Tritanomaly**  
9B345B

# Monochromacy



**Original Color**  
9F2388



**Achromatopsia**  
545454



**Achromatomaly**  
6F4267

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F2388 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 #9F2388 looks like.

```
.text, #text, p{  
    color:#9F2388  
}
```

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 #9F2388 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F2388  
}
```

## Border

The CSS property to change the border of an element to Hex 9F2388 is called "border". The border property can be set on classes, ids or directly on the HTML element.

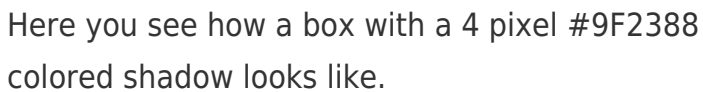
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9F2388 }
```

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

```
.border{ border-color:#9F2388 }
```

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



Here you see how a box with a 4 pixel #9F2388 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F2388; -webkit-box-shadow:4px 4px  
4px 4px #9F2388; box-shadow:4px 4px 4px  
4px #9F2388 }
```

# Background

The CSS property to change the background color of an element to Hex 9F2388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F2388 }
```

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

```
.background{ background-color:#9F2388 }
```

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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