

# Converting Colors

Hex(9F3380)

Have a look what the booklet for  
Hex(9F3380) contains.

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**Color**

**Hex(9F3380)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F3380
RGB	159, 51, 128
RGB Percent	62%, 20%, 50%
CMY	0.3765, 0.8000, 0.4980
CMYK	0.00, 0.68, 0.19, 0.38
HSL	317°, 51%, 41%
HSV	317°, 68%, 62%
XYZ	19.3782, 11.2971, 21.5813
YIQ	92.0700, 39.6510, 46.8430

# Conversions

## Conversions Part 2

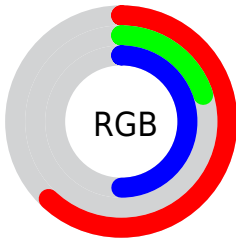
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 51, 128
Decimal	10433408
CIE <sub>Lab</sub>	40.08, 52.57, -19.93
CIE <sub>LCh</sub>	40, 56.222, 339.242
Yxy	11.2971, 0.3708, 0.2162
Android (android.graphics.Color)	4288623488 (0xFF9F3380)
YUV	92.0700, 17.7135, 58.6976
Hunter-Lab	33.6111, 44.0929, -14.5415

# Details

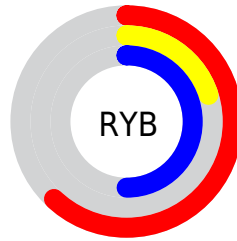
The Hex color **9F3380** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **339F52**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **D86AB5**, and **68004F** is the 20% darker color. If you saturate the color by 10%, you get **9F237B**, and if you desaturate by 10%, it is **9F4385**.

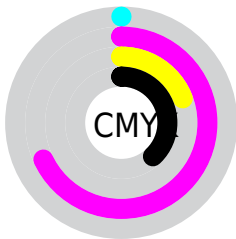
# Distribution



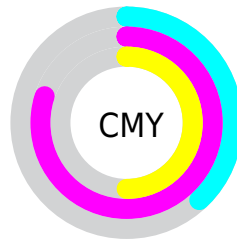
- Red (62%)
- Green (20%)
- Blue (50%)



- Red (62%)
- Yellow (20%)
- Blue (50%)



- Cyan (0%)
- Magenta (68%)
- Yellow (19%)
- Black (38%)



- Cyan (38%)
- Magenta (80%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F3380 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 9F3380 by changing the saturation by 10% instead.



9F3380

9F3380

FFFFFF

831367

D86AB5

68004F

F685D1

4D0038

FFA0ED

360022

FFBCFF

140007

FFD9FF

000000


FFF6FF

9F3380

9F3380

9F237B

9F4385

 9F1377

 9F5389

 9F0372

 9F638E

 9F0071

 9F7392

 9F8397

 9F929B

 9FA2A0

 9FB2A5

 9FC2A9

# Harmonies

## Analogous

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



714BA6



9F3380



AF2952

# Triad

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



9F3380



666100



007298

# Complementary

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



9F3380



339F52

# 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.



00736C



9F3380



326B07

# Square

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



9F3380



8C5000



00713C



006CB5

# Rectangle

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



9F3380



AB3335



00713C



00738A



# Sweetspot

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



9F3380



CFA5C3



52339F



694F61



E8E8E8



696969



# Same Dimension

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



9F3380



CF259E



9F334A



4F474D



8F0066



0F000B



# Inverse Universe

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



9F3380



CF259E



339F88



4F474D



8F0066



0F000B



# Previews

## White Background



This preview shows how the Hex color 9F3380 looks on a white background.

## Color Contrast Check

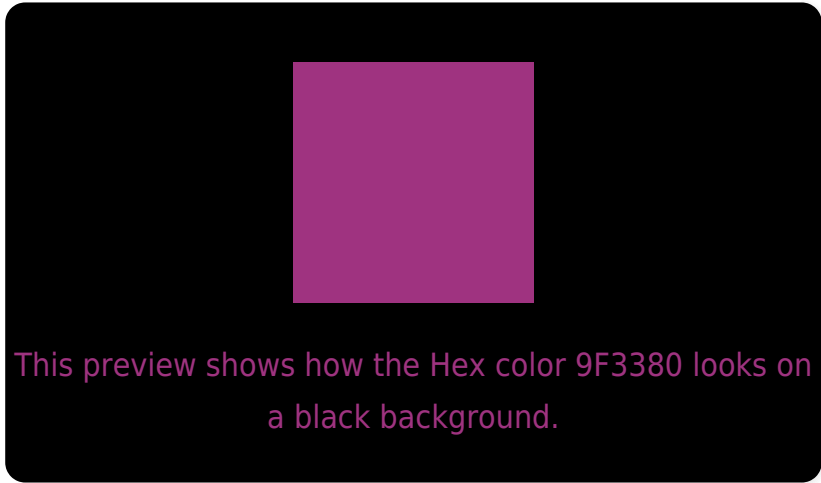
Large Text (above 18pt) WCAG AA ✓ Pass

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

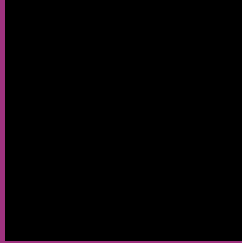
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9F3380 Background



This preview shows how black text looks on a background with the Hex color 9F3380.

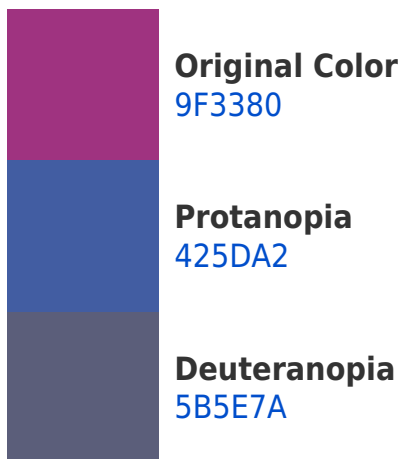


This preview shows how white text looks on a background with the Hex color 9F3380.

# 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](#).

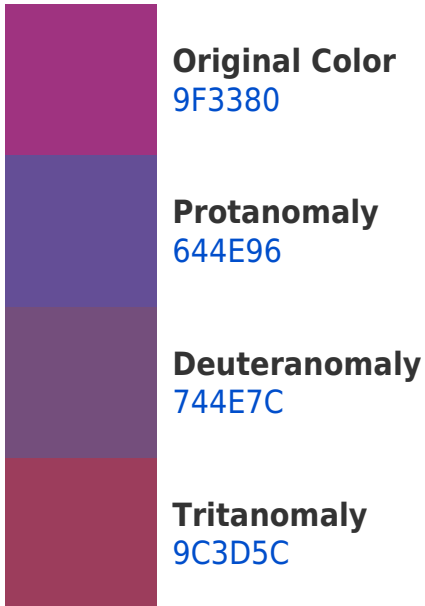
## Dichromacy





**Tritanopia**  
9A4347

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F3380 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 #9F3380 looks like.

```
.text, #text, p{  
    color:#9F3380  
}
```

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 #9F3380 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F3380
}
```

## Border

The CSS property to change the border of an element to Hex 9F3380 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
#9F3380 }
```

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

```
.border{ border-color:#9F3380 }
```

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

Here you see how a box with a 4 pixel #9F3380 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F3380; -webkit-box-shadow:4px 4px  
4px 4px #9F3380; box-shadow:4px 4px 4px  
4px #9F3380 }
```

# Background

The CSS property to change the background color of an element to Hex 9F3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F3380 }
```

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

```
.background{ background-color:#9F3380 }
```

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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