

# Converting Colors

Hex(9F6398)

Have a look what the booklet for  
Hex(9F6398) contains.

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# Color

**Hex(9F6398)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F6398
RGB	159, 99, 152
RGB Percent	62%, 39%, 60%
CMY	0.3765, 0.6118, 0.4039
CMYK	0.00, 0.38, 0.04, 0.38
HSL	307°, 24%, 51%
HSV	307°, 38%, 62%
XYZ	24.4274, 18.5616, 32.0010
YIQ	122.9820, 18.7470, 29.2030

# Conversions

## Conversions Part 2

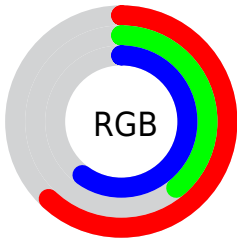
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 99, 152
Decimal	10445720
CIE <sub>Lab</sub>	50.17, 32.68, -18.89
CIE <sub>LCh</sub>	50, 37.743, 329.973
Yxy	18.5616, 0.3257, 0.2475
Android (android.graphics.Color)	4288635800 (0xFF9F6398)
YUV	122.9820, 14.3059, 31.5878
Hunter-Lab	43.0832, 25.8108, -13.8808

# Details

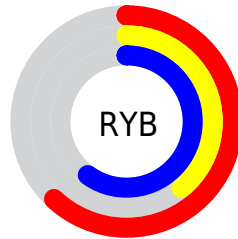
The Hex color **9F6398** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **639F6A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **D797CE**, and **6A3265** is the 20% darker color. If you saturate the color by 10%, you get **9F5396**, and if you desaturate by 10%, it is **9F739A**.

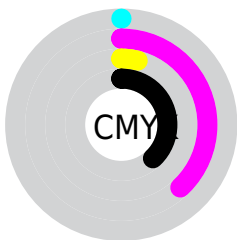
# Distribution



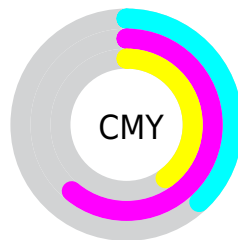
- Red (62%)
- Green (39%)
- Blue (60%)



- Red (62%)
- Yellow (39%)
- Blue (60%)



- Cyan (0%)
- Magenta (38%)
- Yellow (4%)
- Black (38%)



- Cyan (38%)
- Magenta (61%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F6398 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 9F6398 by changing the saturation by 10% instead.



 9F6398

 9F6398


FFFFFF

 844A7E

 D797CE

 6A3265

 F3B2EB

 511A4D

 FFCEFF

 390136

 FFEAFF

 260021

 000005

 000000

 9F6398

 9F6398

 9F5396

 9F739A

 9F4394

 9F839C

 9F3392

 9F939E

 9F2391

 9FA39F

 9F148F

 9FB3A1

 9F048D

 9FC2A3

 9F008C

 9FD2A5

 9FE2A7

 9FF2A9

# Harmonies

## Analogous

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



796FAF



9F6398



B25D79

# Triad

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



9F6398



8B7635



008796

# Complementary

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



9F6398



639F6A

# 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.



008876



9F6398



6A7F3E

# Square

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



9F6398



A46A40



418556



0083AE

# Rectangle

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



9F6398



B45E63



418556



00888C



# Sweetspot

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



9F6398



CFB8CC



6A639F



695B67



E8E8E8



696969



# Same Dimension

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



9F6398



CF72C4



9F637A



4F474E



8F007E



0F000E



# Inverse Universe

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



9F6398



CF72C4



639F88



4F474E



8F007E

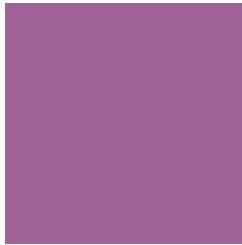


0F000E



# Previews

## White Background



This preview shows how the Hex color 9F6398 looks on a white background.

## Color Contrast Check

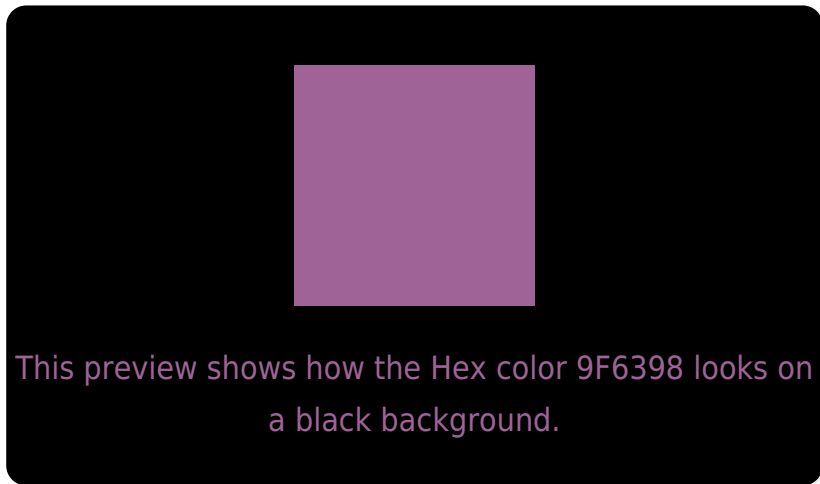
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

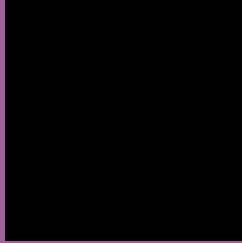
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9F6398 Background



This preview shows how black text looks on a background with the Hex color 9F6398.

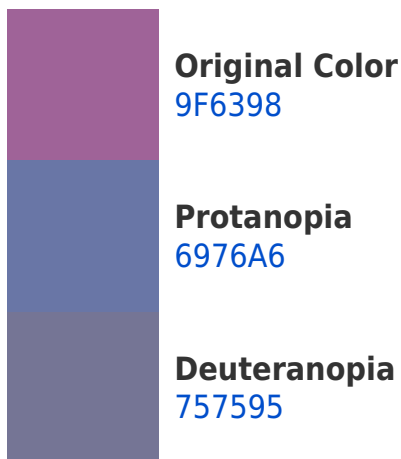



This preview shows how white text looks on a background with the Hex color 9F6398.

# 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**  
9A6B73

# Trichromacy



**Original Color**  
9F6398

**Protanomaly**  
7D6FA1

**Deuteranomaly**  
846E96

**Tritanomaly**  
9C6880

# Monochromacy



**Original Color**  
9F6398

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
887286

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F6398 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 #9F6398 looks like.

```
.text, #text, p{  
    color:#9F6398  
}
```

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 #9F6398 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F6398  
}
```

## Border

The CSS property to change the border of an element to Hex 9F6398 is called "border". The border property can be set on classes, ids or directly on the HTML element.

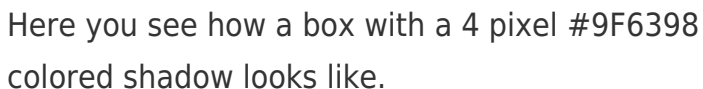
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9F6398 }
```

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

```
.border{ border-color:#9F6398 }
```

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



Here you see how a box with a 4 pixel #9F6398 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F6398; -webkit-box-shadow:4px 4px  
4px 4px #9F6398; box-shadow:4px 4px 4px  
4px #9F6398 }
```

# Background

The CSS property to change the background color of an element to Hex 9F6398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F6398 }
```

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

```
.background{ background-color:#9F6398 }
```

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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