

# Converting Colors

Hex(9F5C88)

Have a look what the booklet for  
Hex(9F5C88) contains.

<b>Hex(9F5C88)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(9F5C88)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F5C88
RGB	159, 92, 136
RGB Percent	62%, 36%, 53%
CMY	0.3765, 0.6392, 0.4667
CMYK	0.00, 0.42, 0.14, 0.38
HSL	321°, 27%, 49%
HSV	321°, 42%, 62%
XYZ	22.5692, 16.8028, 25.3463
YIQ	117.0490, 25.8080, 27.8880

# Conversions

## Conversions Part 2

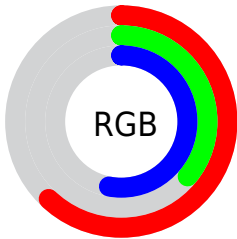
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 92, 136
Decimal	10443912
CIE <sub>Lab</sub>	48.01, 33.71, -12.67
CIE <sub>LCh</sub>	48, 36.014, 339.405
Yxy	16.8028, 0.3487, 0.2596
Android (android.graphics.Color)	4288633992 (0xFF9F5C88)
YUV	117.0490, 9.3428, 36.7910
Hunter-Lab	40.9912, 26.5448, -7.9672

# Details

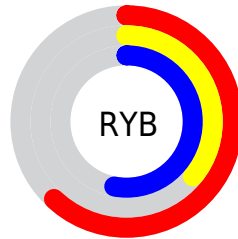
The Hex color **9F5C88** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5C9F73**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **D790BD**, and **6A2B56** is the 20% darker color. If you saturate the color by 10%, you get **9F4C83**, and if you desaturate by 10%, it is **9F6C8D**.

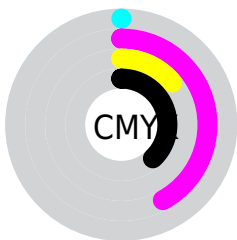
# Distribution



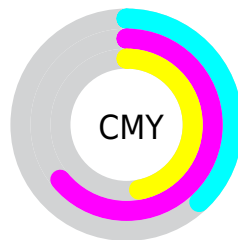
- Red (62%)
- Green (36%)
- Blue (53%)



- Red (62%)
- Yellow (36%)
- Blue (53%)



- Cyan (0%)
- Magenta (42%)
- Yellow (14%)
- Black (38%)



- Cyan (38%)
- Magenta (64%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F5C88 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 9F5C88 by changing the saturation by 10% instead.





9F5C88



9F5C88

FFFFFF



84436F



D790BD



6A2B56



F4ABD9



50123F



FFC6F6



380029



FFE3FF



230014



000000



9F5C88



9F5C88



9F4C83



9F6C8D



9F3C7D



9F7C93

 9F2C78

 9F8C98

 9F1C72

 9F9C9E

 9F0C6D

 9FABA3

 9F0068

 9FBBA9

 9FCBAE

 9FDDB4

 9FEBB9

# Harmonies

## Analogous

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



8166A1



9F5C88



AB5969

# Triad

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



9F5C88



7B7334



008098

# Complementary

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



9F5C88



5C9F73

# 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.



00827B



9F5C88



5A7B41

# Square

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



9F5C88



966939



2F805C



007BAA

# Rectangle

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



9F5C88



AA5C56



2F805C



00818F



# Sweetspot

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



9F5C88



CFB4C5



725C9F



695863



E8E8E8



696969



# Same Dimension

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



9F5C88



CF65AA



9F5C67



4F474C



8F005E



0F000A



# Inverse Universe

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



9F5C88



CF65AA



5C9F94



4F474C



8F005E

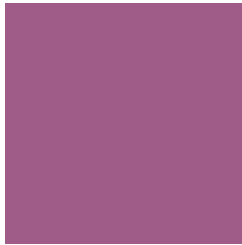


0F000A



# Previews

## White Background



This preview shows how the Hex color 9F5C88 looks on a white background.

## Color Contrast Check

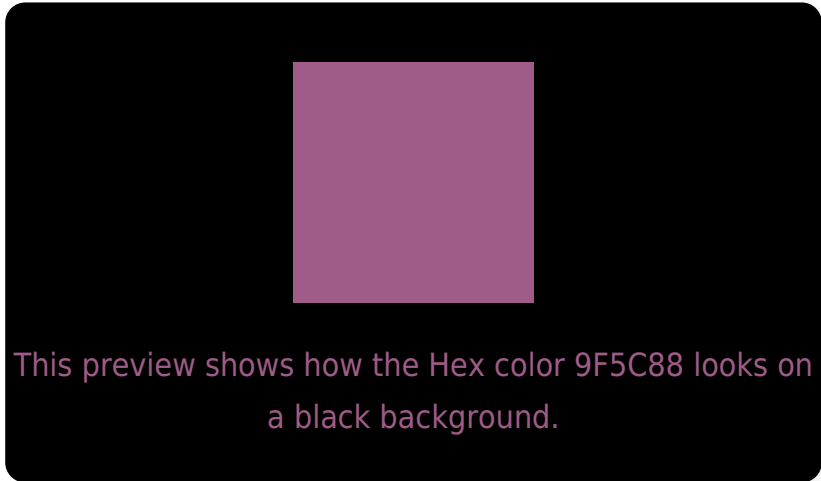
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F5C88 Background



This preview shows how black text looks on a background with the Hex color 9F5C88.



This preview shows how white text looks on a background with the Hex color 9F5C88.

# 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**  
9C6269

# Trichromacy



**Original Color**  
9F5C88

**Protanomaly**  
7C6992

**Deuteranomaly**  
846986

**Tritanomaly**  
9D6074

# Monochromacy



**Original Color**  
9F5C88

**Achromatopsia**  
757575

**Achromatomaly**  
846C7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F5C88 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 #9F5C88 looks like.

```
.text, #text, p{  
    color:#9F5C88  
}
```

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 #9F5C88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F5C88
}
```

## Border

The CSS property to change the border of an element to Hex 9F5C88 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
#9F5C88 }
```

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

```
.border{ border-color:#9F5C88 }
```

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

Here you see how a box with a 4 pixel #9F5C88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F5C88; -webkit-box-shadow:4px 4px  
4px 4px #9F5C88; box-shadow:4px 4px 4px  
4px #9F5C88 }
```

# Background

The CSS property to change the background color of an element to Hex 9F5C88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F5C88 }
```

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

```
.background{ background-color:#9F5C88 }
```

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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