

# Converting Colors

Hex(9C5E85)

Have a look what the booklet for  
Hex(9C5E85) contains.

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# Color

Hex(9C5E85)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C5E85
RGB	156, 94, 133
RGB Percent	61%, 37%, 52%
CMY	0.3882, 0.6314, 0.4784
CMYK	0.00, 0.40, 0.15, 0.39
HSL	322°, 25%, 49%
HSV	322°, 40%, 61%
XYZ	21.9466, 16.7668, 24.2699
YIQ	116.9840, 24.4330, 25.2730

# Conversions

## Conversions Part 2

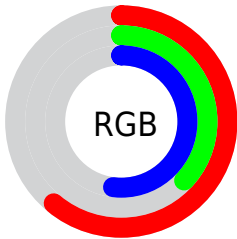
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 94, 133
Decimal	10247813
CIE <sub>Lab</sub>	47.96, 31.04, -10.98
CIE <sub>LCh</sub>	48, 32.921, 340.517
Yxy	16.7668, 0.3485, 0.2662
Android (android.graphics.Color)	4288437893 (0xFF9C5E85)
YUV	116.9840, 7.8959, 34.2170
Hunter-Lab	40.9473, 24.0135, -6.4788

# Details

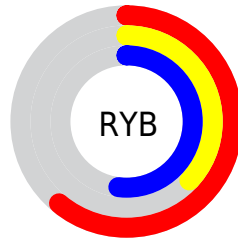
The Hex color **9C5E85** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5E9C75**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **D492BA**, and **672E53** is the 20% darker color. If you saturate the color by 10%, you get **9C4E7F**, and if you desaturate by 10%, it is **9C6E8B**.

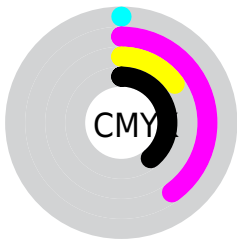
# Distribution



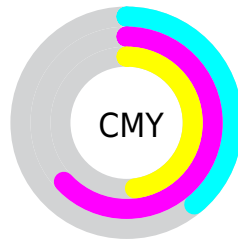
- Red (61%)
- Green (37%)
- Blue (52%)



- Red (61%)
- Yellow (37%)
- Blue (52%)



- Cyan (0%)
- Magenta (40%)
- Yellow (15%)
- Black (39%)



- Cyan (39%)
- Magenta (63%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C5E85 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 9C5E85 by changing the saturation by 10% instead.



■ 9C5E85

■ 9C5E85

FFFFFF

■ 81456C

■ D492BA

■ 672E53

■ F0ADD6

■ 4E163C

■ FFC8F2

■ 360026

■ FFE5FF

■ 210011

■ 000000

■ 9C5E85

■ 9C5E85

■ 9C4E7F

■ 9C6E8B

■ 9C3F79

■ 9C7D91

 9C2F74

 9C8D96

 9C206E

 9C9C9C

 9C1068

 9CACAA2

 9C0062

 9CBCA8

 9CCBAE

 9CDDB3

 9CEAB9

# Harmonies

## Analogous

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



81679C



9C5E85



A75B69

# Triad

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



9C5E85



7A733A



007F95

# Complementary

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



9C5E85



5E9C75

# 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.



00807B



9C5E85



5B7B46

# Square

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



9C5E85



926A3D



367F5E



167AA6

# Rectangle

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



9C5E85



A65E57



367F5E



00808D



# Sweetspot

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



9C5E85



CCB4C3



755E9C



665861



E6E6E6



666666



# Same Dimension

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



9C5E85



CC6AA8



9C5E66



4F474C



8F005A



0F000A



# Inverse Universe

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



9C5E85



CC6AA8



5E9C94



4F474C



8F005A



0F000A



# Previews

## White Background



This preview shows how the Hex color 9C5E85 looks on a white background.

## Color Contrast Check

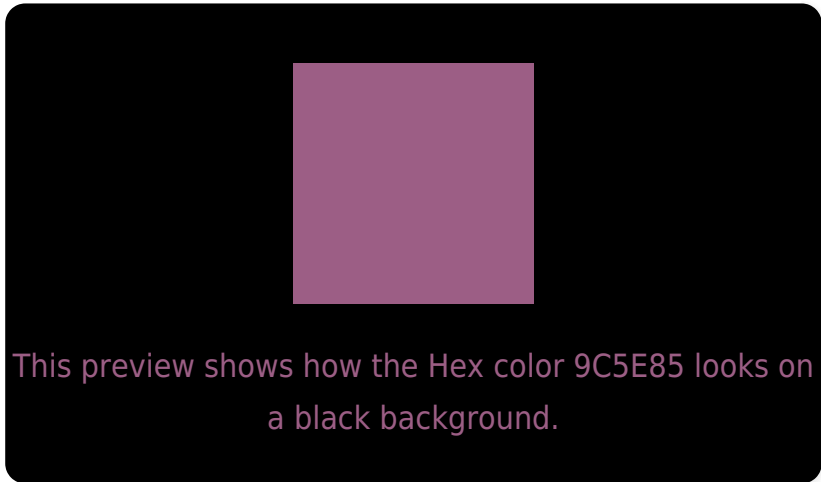
Large Text (above 18pt) WCAG AA ✓ Pass

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

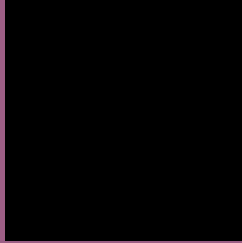
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9C5E85 Background



This preview shows how black text looks on a background with the Hex color 9C5E85.



This preview shows how white text looks on a background with the Hex color 9C5E85.

# 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



**Original Color**  
9C5E85

**Protanopia**  
6A7192

**Deuteranopia**  
766F82



**Tritanopia**  
99636B

# Trichromacy



**Original Color**  
9C5E85

**Protanomaly**  
7C6A8D

**Deuteranomaly**  
846983

**Tritanomaly**  
9A6174

# Monochromacy



**Original Color**  
9C5E85

**Achromatopsia**  
757575

**Achromatomaly**  
836D7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C5E85 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 #9C5E85 looks like.

```
.text, #text, p{  
    color:#9C5E85  
}
```

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 #9C5E85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C5E85
}
```

## Border

The CSS property to change the border of an element to Hex 9C5E85 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
#9C5E85 }
```

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

```
.border{ border-color:#9C5E85 }
```

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

Here you see how a box with a 4 pixel #9C5E85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C5E85; -webkit-box-shadow:4px 4px  
4px 4px #9C5E85; box-shadow:4px 4px 4px  
4px #9C5E85 }
```

# Background

The CSS property to change the background color of an element to Hex 9C5E85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C5E85 }
```

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

```
.background{ background-color:#9C5E85 }
```

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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