

# Converting Colors

Hex(9C5673)

Have a look what the booklet for  
Hex(9C5673) contains.

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# Color

**Hex(9C5673)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C5673
RGB	156, 86, 115
RGB Percent	61%, 34%, 45%
CMY	0.3882, 0.6627, 0.5490
CMYK	0.00, 0.45, 0.26, 0.39
HSL	335°, 29%, 47%
HSV	335°, 45%, 61%
XYZ	20.1326, 14.9613, 18.0464
YIQ	110.2360, 32.4110, 23.8590

# Conversions

## Conversions Part 2

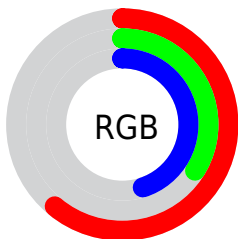
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 86, 115
Decimal	10245747
CIE <sub>Lab</sub>	45.58, 32.61, -3.69
CIE <sub>LCh</sub>	46, 32.823, 353.553
Yxy	14.9613, 0.3789, 0.2815
Android (android.graphics.Color)	4288435827 (0xFF9C5673)
YUV	110.2360, 2.3487, 40.1350
Hunter-Lab	38.6798, 25.2183, -0.5863

# Details

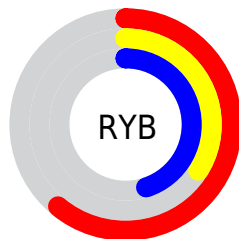
The Hex color **9C5673** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **569C7F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **D489A7**, and **672543** is the 20% darker color. If you saturate the color by 10%, you get **9C466A**, and if you desaturate by 10%, it is **9C667C**.

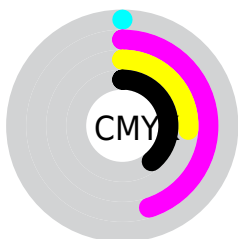
# Distribution



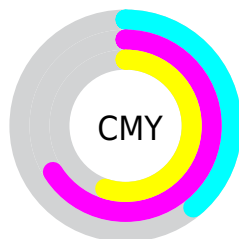
- Red (61%)
- Green (34%)
- Blue (45%)



- Red (61%)
- Yellow (34%)
- Blue (45%)



- Cyan (0%)
- Magenta (45%)
- Yellow (26%)
- Black (39%)



- Cyan (39%)
- Magenta (66%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C5673 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 9C5673 by changing the saturation by 10% instead.



 9C5673

 9C5673

FFFFFF

 813D5A

 D489A7

 672543

 F1A4C2

 4D0C2D

 FFC0DE

 340018

 FFDCFA

 1B0001

 FFF9FF

 000000

 9C5673

 9C5673

 9C466A

 9C667C

 9C3761

 9C7585

 9C2758

 9C858E

 9C184E

 9C9498

 9C0845

 9CA4A1

 9C0041

 9CB4AA

 9CC3B3

 9CD3BC

 9CE2C5

# Harmonies

## Analogous

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



885D8D



9C5673



A05757

# Triad

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



9C5673



677138



007797

# Complementary

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



9C5673



569C7F

# 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.



007A81



9C5673



47774A

# Square

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



9C5673



826835



167A65



3171A2

# Rectangle

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



9C5673



9B5B47



167A65



007891



# Sweetspot

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



9C5673



CCB1BC



7F569C



66565C



E6E6E6



666666



# Same Dimension

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



9C5673



CC5E8B



9C5C56



4F474A



8F003B



0F0006



# Inverse Universe

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



9C5673



CC5E8B



56969C



4F474A



8F003B

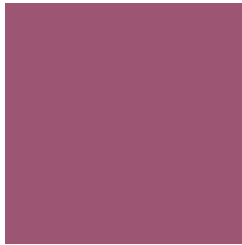


0F0006



# Previews

## White Background



This preview shows how the Hex color 9C5673 looks on a white background.

## Color Contrast Check

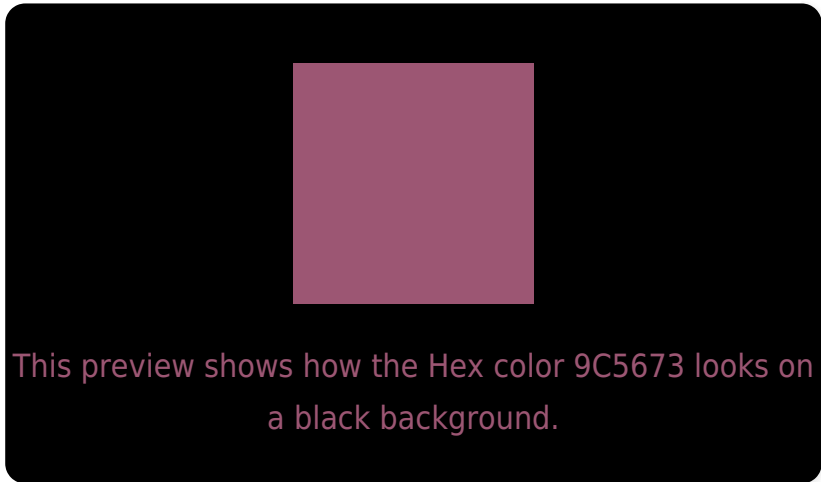
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C5673 Background



This preview shows how black text looks on a background with the Hex color 9C5673.



This preview shows how white text looks on a background with the Hex color 9C5673.

# 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**  
9C5673

**Protanopia**  
686B81

**Deuteranopia**  
756970



**Tritanopia**  
9A5A60

# Trichromacy



**Original Color**  
9C5673

**Protanomaly**  
7B637C

**Deuteranomaly**  
836271

**Tritanomaly**  
9B5967

# Monochromacy



**Original Color**  
9C5673

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
7F6570

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C5673 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 #9C5673 looks like.

```
.text, #text, p{  
    color:#9C5673  
}
```

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 #9C5673 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C5673
}
```

## Border

The CSS property to change the border of an element to Hex 9C5673 is called "border". The border property can be set on classes, ids or directly on the HTML element.

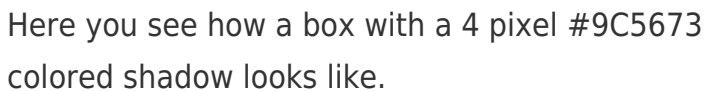
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C5673 }
```

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

```
.border{ border-color:#9C5673 }
```

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



Here you see how a box with a 4 pixel #9C5673 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C5673; -webkit-box-shadow:4px 4px  
4px 4px #9C5673; box-shadow:4px 4px 4px  
4px #9C5673 }
```

# Background

The CSS property to change the background color of an element to Hex 9C5673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C5673 }
```

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

```
.background{ background-color:#9C5673 }
```

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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