

# Converting Colors

Hex(9A5B86)

Have a look what the booklet for  
Hex(9A5B86) contains.

<b>Hex(9A5B86)</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(9A5B86)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A5B86
RGB	154, 91, 134
RGB Percent	60%, 36%, 53%
CMY	0.3961, 0.6431, 0.4745
CMYK	0.00, 0.41, 0.13, 0.40
HSL	319°, 26%, 48%
HSV	319°, 41%, 60%
XYZ	21.3706, 16.0734, 24.5304
YIQ	114.7390, 23.7450, 26.7290

# Conversions

## Conversions Part 2

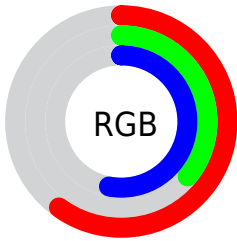
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 91, 134
Decimal	10115974
CIE <sub>Lab</sub>	47.07, 32.18, -12.95
CIE <sub>LCh</sub>	47, 34.692, 338.075
Yxy	16.0734, 0.3448, 0.2594
Android (android.graphics.Color)	4288306054 (0xFF9A5B86)
YUV	114.7390, 9.4957, 34.4319
Hunter-Lab	40.0917, 24.9877, -8.2128

# Details

The Hex color **9A5B86** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5B9A6F**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **D28EBB**, and **652A54** is the 20% darker color. If you saturate the color by 10%, you get **9A4C81**, and if you desaturate by 10%, it is **9A6A8B**.

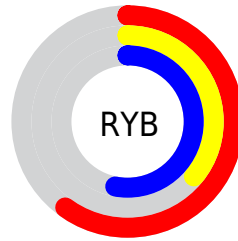
# Distribution



Red (60%)

Green (36%)

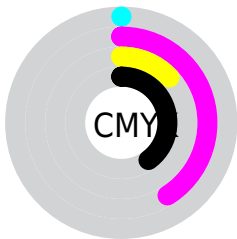
Blue (53%)



Red (60%)

Yellow (36%)

Blue (53%)

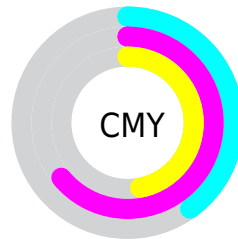


Cyan (0%)

Magenta (41%)

Yellow (13%)

Black (40%)



Cyan (40%)

Magenta (64%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A5B86 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 9A5B86 by changing the saturation by 10% instead.





9A5B86



9A5B86

FFFFFF



7F426D



D28EBB



652A54



EEA9D7



4C123D



FFC5F3



340027



FFE1FF



1E0012

FFFEFF



000000



9A5B86



9A5B86



9A4C81



9A6A8B



9A3C7C



9A7A90

 9A2D77

 9A8995

 9A1D72

 9A999A

 9A0E6E

 9AA89E

 9A0069

 9AB7A3

 9AC7A8

 9AD6AD

 9AE6B2

# Harmonies

## Analogous

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



7D659E



9A5B86



A75769

# Triad

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



9A5B86



7A7134



007D93

# Complementary

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



9A5B86



5B9A6F

# 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.



007F77



9A5B86



5B7840

# Square

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



9A5B86



936639



337D59



0078A5

# Rectangle

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



9A5B86



A65A56



337D59



007E8A



# Sweetspot

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



9A5B86



C9B1C2



6F5B9A



665861



E6E6E6



666666



# Same Dimension

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



9A5B86



C967AA



9A5B67



4D454A



8C0060



0D0009



# Inverse Universe

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



9A5B86



C967AA



5B9A8E



4D454A



8C0060

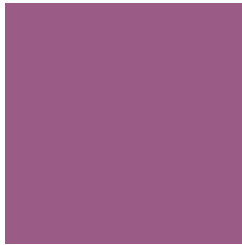


0D0009



# Previews

## White Background



This preview shows how the Hex color 9A5B86 looks on a white background.

## Color Contrast Check

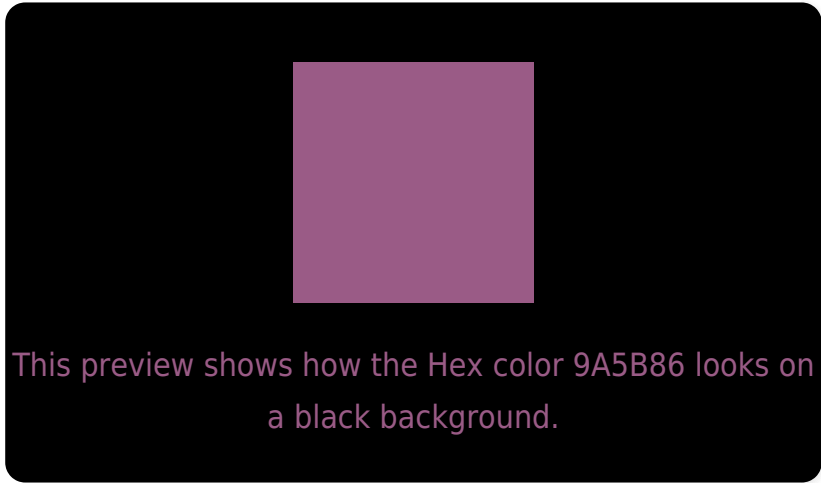
Large Text (above 18pt) WCAG AA ✓ Pass

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

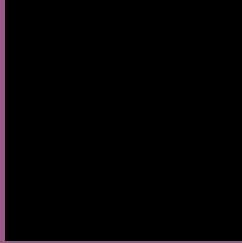
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9A5B86 Background



This preview shows how black text looks on a background with the Hex color 9A5B86.



This preview shows how white text looks on a background with the Hex color 9A5B86.

# 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](#).

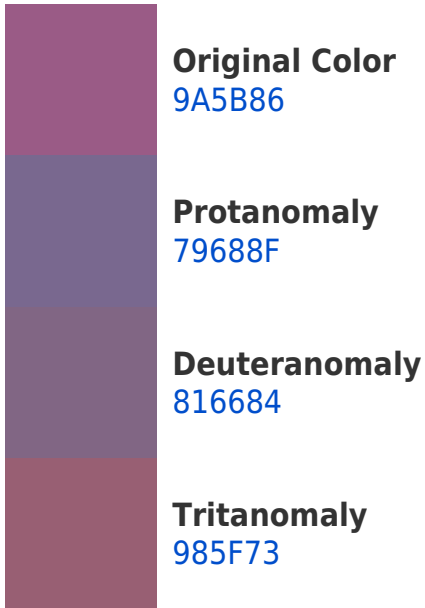
## Dichromacy



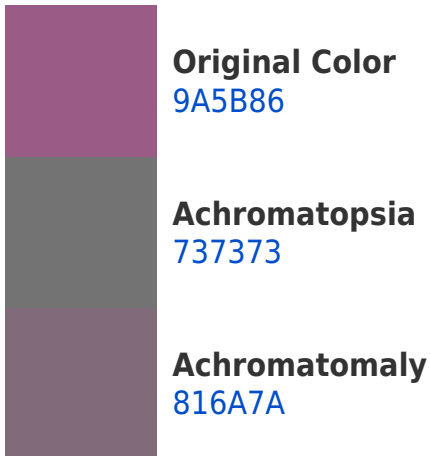


**Tritanopia**  
976168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A5B86 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 #9A5B86 looks like.

```
.text, #text, p{  
    color:#9A5B86  
}
```

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 #9A5B86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A5B86
}
```

## Border

The CSS property to change the border of an element to Hex 9A5B86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

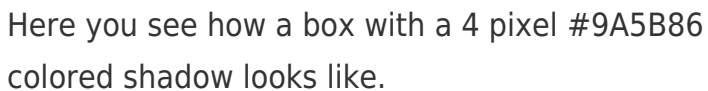
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A5B86 }
```

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

```
.border{ border-color:#9A5B86 }
```

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



Here you see how a box with a 4 pixel #9A5B86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A5B86; -webkit-box-shadow:4px 4px  
4px 4px #9A5B86; box-shadow:4px 4px 4px  
4px #9A5B86 }
```

# Background

The CSS property to change the background color of an element to Hex 9A5B86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A5B86 }
```

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

```
.background{ background-color:#9A5B86 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor