

# Converting Colors

Hex(9A5AB5)

Have a look what the booklet for  
Hex(9A5AB5) contains.

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# Color

**Hex(9A5AB5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A5AB5
RGB	154, 90, 181
RGB Percent	60%, 35%, 71%
CMY	0.3961, 0.6471, 0.2902
CMYK	0.15, 0.50, 0.00, 0.29
HSL	282°, 38%, 53%
HSV	282°, 50%, 71%
XYZ	25.3231, 17.5185, 45.7628
YIQ	119.5100, 8.9330, 41.8690

# Conversions

## Conversions Part 2

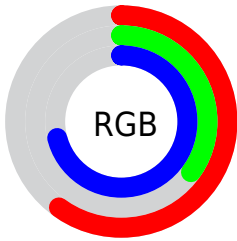
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 90, 181
Decimal	10115765
CIE <sub>Lab</sub>	48.91, 41.96, -37.90
CIE <sub>LCh</sub>	49, 56.547, 317.909
Yxy	17.5185, 0.2858, 0.1977
Android (android.graphics.Color)	4288305845 (0xFF9A5AB5)
YUV	119.5100, 30.3146, 30.2477
Hunter-Lab	41.8552, 34.7490, -35.5268

# Details

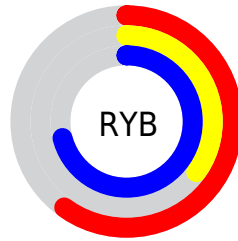
The Hex color **9A5AB5** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **75B55A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **D28EED**, and **642880** is the 20% darker color. If you saturate the color by 10%, you get **9548B5**, and if you desaturate by 10%, it is **9F6CB5**.

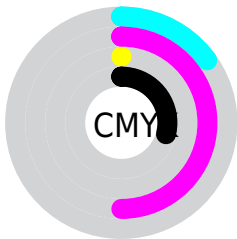
# Distribution



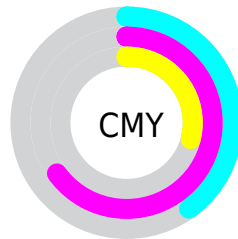
- Red (60%)
- Green (35%)
- Blue (71%)



- Red (60%)
- Yellow (35%)
- Blue (71%)



- Cyan (15%)
- Magenta (50%)
- Yellow (0%)
- Black (29%)



- Cyan (40%)
- Magenta (65%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A5AB5 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 9A5AB5 by changing the saturation by 10% instead.



 9A5AB5

 9A5AB5

FFFFFF

 7F419A

 D28EED

 642880

 EFA9FF

 4B0D66

 FFC5FF

 31004E

 FFE1FF

 1D0036

FFFEFF

 000220

 000004

 000000

 9A5AB5

 9A5AB5

9548B5

9F6CB5

8F36B5

A57EB5

8A24B5

AA90B5

8512B5

AFA2B5

7F00B5

B5B5B5

BAC7B5

C0D9B5

C5EBB5

CAFDB5

# Harmonies

## Analogous

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



4A70D0



9A5AB5



C0478A

# Triad

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



9A5AB5



9B6B03



008A90

# Complementary

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



9A5AB5



75B55A

# 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.



00895F



9A5AB5



707B00

# Square

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



9A5AB5



BB572E



34842F



0088BB

# Rectangle

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



9A5AB5



C9436A



34842F



008A80



# Sweetspot

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



9A5AB5



E0C7EB



5A75B5



6F6075



F5F5F5



757575



# Same Dimension

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



9A5AB5



C15EEB



B55AA3



575059



6C0099



12001A



# Inverse Universe

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



B55A75



EB5E88



5AB56C



595053



99002D

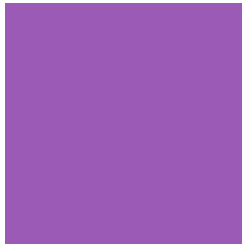


1A0008



# Previews

## White Background



This preview shows how the Hex color 9A5AB5 looks on a white background.

## Color Contrast Check

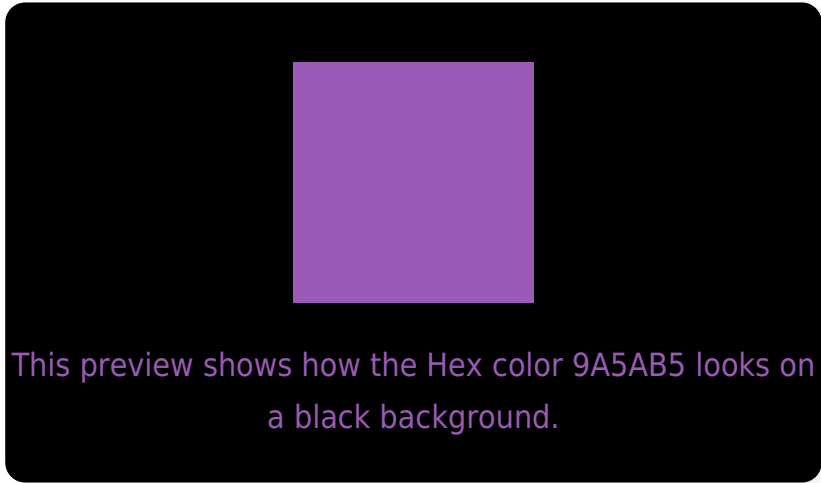
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

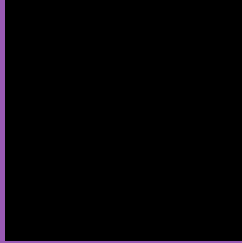
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9A5AB5 Background



This preview shows how black text looks on a background with the Hex color 9A5AB5.

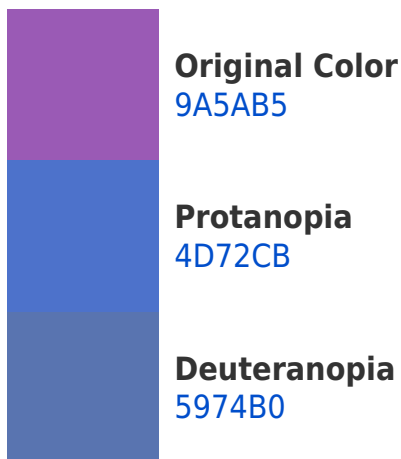


This preview shows how white text looks on a background with the Hex color 9A5AB5.

# 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](#).

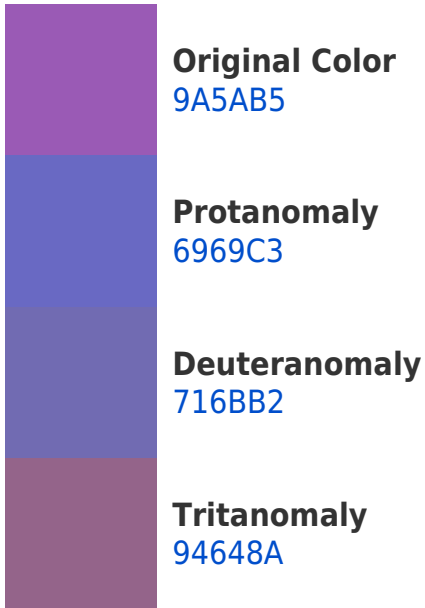
## Dichromacy



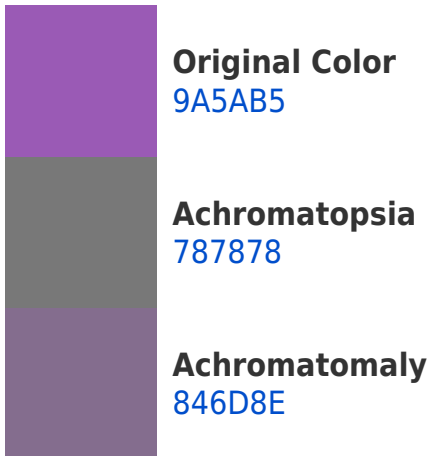


**Tritanopia**  
906A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A5AB5 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 #9A5AB5 looks like.

```
.text, #text, p{  
    color:#9A5AB5  
}
```

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 #9A5AB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A5AB5
}
```

## Border

The CSS property to change the border of an element to Hex 9A5AB5 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
#9A5AB5 }
```

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

```
.border{ border-color:#9A5AB5 }
```

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

Here you see how a box with a 4 pixel #9A5AB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A5AB5; -webkit-box-shadow:4px 4px  
4px 4px #9A5AB5; box-shadow:4px 4px 4px  
4px #9A5AB5 }
```

# Background

The CSS property to change the background color of an element to Hex 9A5AB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A5AB5 }
```

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

```
.background{ background-color:#9A5AB5 }
```

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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