

# Converting Colors

Hex(9C5BBC)

Have a look what the booklet for  
Hex(9C5BBC) contains.

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# Color

Hex(9C5BBC)

# Conversions

## Conversions Part 1

Format	Color
Hex	9C5BBC
RGB	156, 91, 188
RGB Percent	61%, 36%, 74%
CMY	0.3882, 0.6431, 0.2627
CMYK	0.17, 0.52, 0.00, 0.26
HSL	280°, 42%, 55%
HSV	280°, 52%, 74%
XYZ	26.5285, 18.1809, 49.6880
YIQ	121.4930, 7.6030, 43.9470

# Conversions

## Conversions Part 2

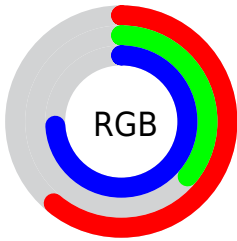
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 91, 188
Decimal	10247100
CIE <sub>Lab</sub>	49.71, 43.51, -40.68
CIE <sub>LCh</sub>	50, 59.560, 316.924
Yxy	18.1809, 0.2810, 0.1926
Android (android.graphics.Color)	4288437180 (0xFF9C5BBC)
YUV	121.4930, 32.7880, 30.2626
Hunter-Lab	42.6391, 36.4377, -39.2442

# Details

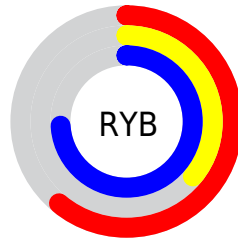
The Hex color **9C5BBC** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7BBC5B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **D48FF5**, and **662986** is the 20% darker color. If you saturate the color by 10%, you get **9648BC**, and if you desaturate by 10%, it is **A26EBC**.

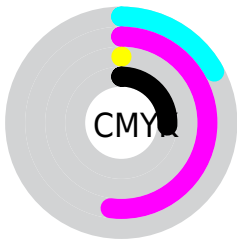
# Distribution



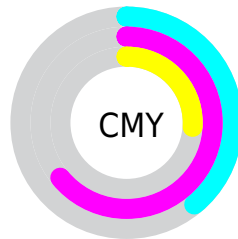
- Red (61%)
- Green (36%)
- Blue (74%)



- Red (61%)
- Yellow (36%)
- Blue (74%)



- Cyan (17%)
- Magenta (52%)
- Yellow (0%)
- Black (26%)



- Cyan (39%)
- Magenta (64%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C5BBC 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 9C5BBC by changing the saturation by 10% instead.



■ 9C5BBC

■ 9C5BBC

FFFFFF

■ 8142A1

■ D48FF5

■ 662986

■ F1AAFF

■ 4C0D6C

■ FFC6FF

■ 320054

■ FFE3FF

■ 1E003C

■ 000225

■ 00010E

■ 000000

■ 9C5BBC

■ 9C5BBC

9648BC

A26EBC

9035BC

A881BC

8923BC

AF93BC

8310BC

B5A6BC

7E00BC

BBB9BC

C1CCBC

C7DFBC

CEF1BC

D4FFBC

# Harmonies

## Analogous

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



4272D8



9C5BBC



C6458F

# Triad

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



9C5BBC



A06C00



008D92

# Complementary

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



9C5BBC



7BBC5B

# 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.



008C5E



9C5BBC



737D00

# Square

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



9C5BBC



C1562D



34872B



008BBF

# Rectangle

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



9C5BBC



D0416D



34872B



008D81



# Sweetspot

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



9C5BBC



E9D0F5



5B7BBC



73647A



FAFAFA



7A7A7A



# Same Dimension

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



9C5BBC



C35DF5



BC5BAC



5B555E



6A009E



15001F



# Inverse Universe

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



BC5B7B



F55D8F



5BBC6B



5E5558



9E0034



1F000A



# Previews

## White Background



This preview shows how the Hex color 9C5BBC looks on a white background.

## Color Contrast Check

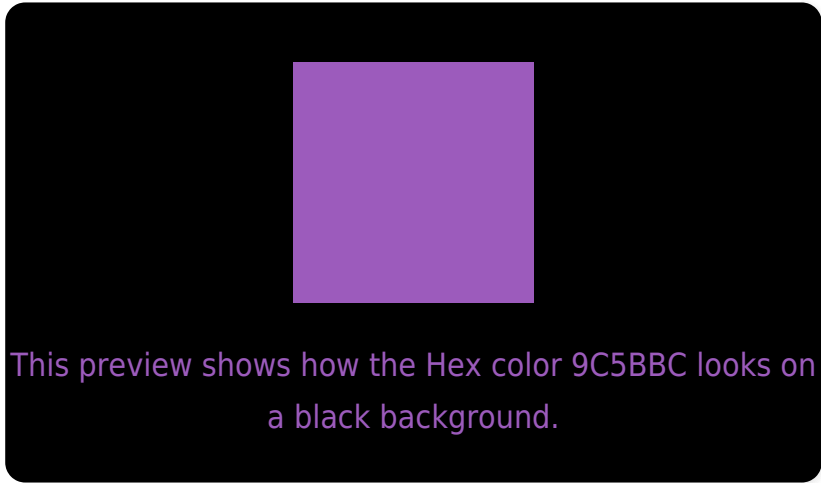
Large Text (above 18pt) WCAG AA ✓ Pass

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

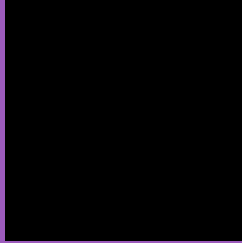
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C5BBC Background



This preview shows how black text looks on a background with the Hex color 9C5BBC.

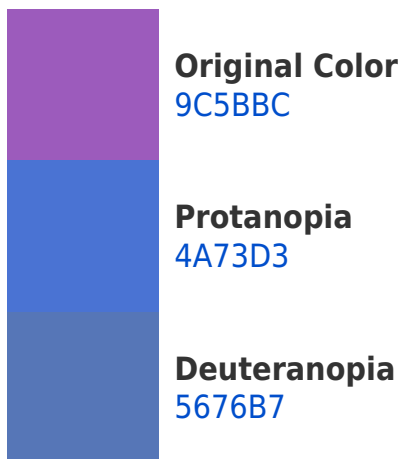



This preview shows how white text looks on a background with the Hex color 9C5BBC.

# 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



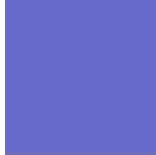


**Tritanopia**  
916D75

# Trichromacy



**Original Color**  
9C5BBC



**Protanomaly**  
686ACB



**Deuteranomaly**  
6F6CB9



**Tritanomaly**  
95668F

# Monochromacy



**Original Color**  
9C5BBC



**Achromatopsia**  
797979



**Achromatomaly**  
866E91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C5BBC 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 #9C5BBC looks like.

```
.text, #text, p{  
    color:#9C5BBC  
}
```

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 #9C5BBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C5BBC }  
}
```

## Border

The CSS property to change the border of an element to Hex 9C5BBC 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 #9C5BBC }  
}
```

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

```
.border{ border-color:#9C5BBC }
```

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

Here you see how a box with a 4 pixel #9C5BBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C5BBC; -webkit-box-shadow:4px 4px  
4px 4px #9C5BBC; box-shadow:4px 4px 4px  
4px #9C5BBC }
```

# Background

The CSS property to change the background color of an element to Hex 9C5BBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C5BBC }
```

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

```
.background{ background-color:#9C5BBC }
```

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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