

# Converting Colors

Hex(9A66BE)

Have a look what the booklet for  
Hex(9A66BE) contains.

<b>Hex(9A66BE)</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(9A66BE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A66BE
RGB	154, 102, 190
RGB Percent	60%, 40%, 75%
CMY	0.3961, 0.6000, 0.2549
CMYK	0.19, 0.46, 0.00, 0.25
HSL	275°, 40%, 57%
HSV	275°, 46%, 75%
XYZ	27.3721, 20.0905, 51.1504
YIQ	127.5800, 2.7440, 38.3920

# Conversions

## Conversions Part 2

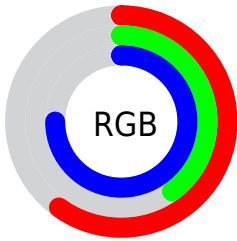
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">154, 102, 190</a>
Decimal	<a href="#">10118846</a>
CIELab	<a href="#">51.94, 37.34, -38.34</a>
CIELCh	<a href="#">52, 53.520, 314.248</a>
Yxy	<a href="#">20.0905, 0.2776, 0.2037</a>
Android (android.graphics.Color)	<a href="#">4288308926 (0xFF9A66BE)</a>
YUV	<a href="#">127.5800, 30.7731, 23.1703</a>
Hunter-Lab	<a href="#">44.8224, 30.5669, -36.2848</a>

# Details

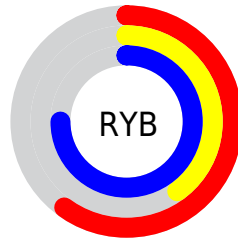
The Hex color **9A66BE** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **8ABE66**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **D29AF7**, and **653588** is the 20% darker color. If you saturate the color by 10%, you get **9253BE**, and if you desaturate by 10%, it is **A279BE**.

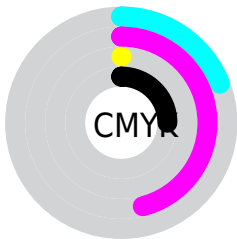
# Distribution



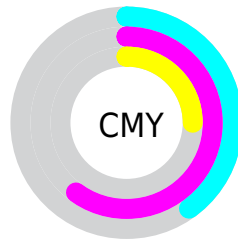
- Red (60%)
- Green (40%)
- Blue (75%)



- Red (60%)
- Yellow (40%)
- Blue (75%)



- Cyan (19%)
- Magenta (46%)
- Yellow (0%)
- Black (25%)



- Cyan (40%)
- Magenta (60%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A66BE 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 9A66BE by changing the saturation by 10% instead.



9A66BE

9A66BE

FFFFFF

7F4DA3

D29AF7

653588

EFB5FF

4B1D6E

FFD1FF

320356

FFEEFF

1C003E

000127

000110

000000

9A66BE

9A66BE

9253BE

A279BE

8A40BE

AA8CBE

832DBE

B19FBE

7B1ABE

B9B2BE

7307BE

C1C5BE

7000BE

C9D8BE

D0EBBE

D8FEBE

E0FFBE

# Harmonies

## Analogous

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



4B7AD5



9A66BE



C25496

# Triad

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



9A66BE



A7711D



009291

# Complementary

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



9A66BE



8ABE66

# 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.



009061



9A66BE



7F8016

# Square

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



9A66BE



C45E3E



4A8B36



008FBB

# Rectangle

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



9A66BE



CE5077



4A8B36



009281



# Sweetspot

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



9A66BE



E9D5F7



668BBE



74687D



FCFCFC



7D7D7D



# Same Dimension

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



9A66BE



BF6DF7



BE66B7



5A555E



5D009E



12001F



# Inverse Universe

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



BE668A



F76DA5



66BE6D



5E5559



9E0041

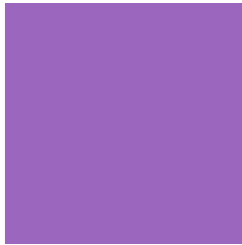


1F000D



# Previews

## White Background



This preview shows how the Hex color 9A66BE looks on a white background.

## Color Contrast Check

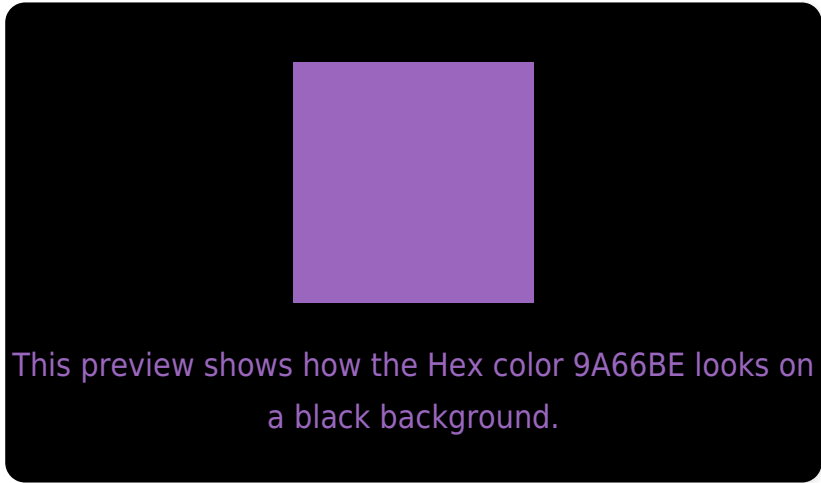
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

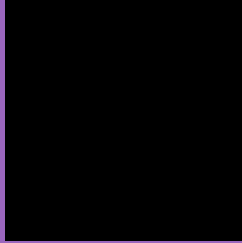
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9A66BE Background



This preview shows how black text looks on a background with the Hex color 9A66BE.

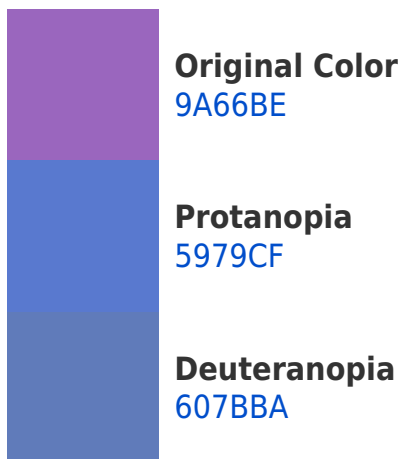


This preview shows how white text looks on a background with the Hex color 9A66BE.

# 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**  
90757E

# Trichromacy



**Original Color**  
9A66BE

**Protanomaly**  
7172C9

**Deuteranomaly**  
7573BB

**Tritanomaly**  
947095

# Monochromacy



**Original Color**  
9A66BE

**Achromatopsia**  
808080

**Achromatomaly**  
897797

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A66BE 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 #9A66BE looks like.

```
.text, #text, p{  
    color:#9A66BE  
}
```

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 #9A66BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A66BE
}
```

## Border

The CSS property to change the border of an element to Hex 9A66BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

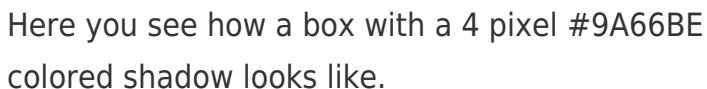
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A66BE }
```

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

```
.border{ border-color:#9A66BE }
```

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



Here you see how a box with a 4 pixel #9A66BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A66BE; -webkit-box-shadow:4px 4px  
4px 4px #9A66BE; box-shadow:4px 4px 4px  
4px #9A66BE }
```

# Background

The CSS property to change the background color of an element to Hex 9A66BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A66BE }
```

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

```
.background{ background-color:#9A66BE }
```

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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