

# Converting Colors

Hex(9F45B9)

Have a look what the booklet for  
Hex(9F45B9) contains.

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# Color

**Hex(9F45B9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F45B9
RGB	159, 69, 185
RGB Percent	62%, 27%, 73%
CMY	0.3765, 0.7294, 0.2745
CMYK	0.14, 0.63, 0.00, 0.27
HSL	287°, 46%, 50%
HSV	287°, 63%, 73%
XYZ	25.1832, 15.1300, 47.4920
YIQ	109.1340, 16.4040, 55.1560

# Conversions

## Conversions Part 2

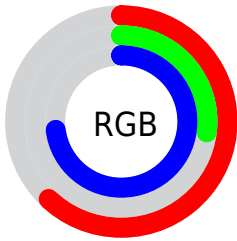
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 69, 185
Decimal	10438073
CIE <sub>Lab</sub>	45.81, 54.71, -45.10
CIE <sub>LCh</sub>	46, 70.905, 320.497
Yxy	15.1300, 0.2868, 0.1723
Android (android.graphics.Color)	4288628153 (0xFF9F45B9)
YUV	109.1340, 37.4019, 43.7325
Hunter-Lab	38.8972, 47.4957, -45.1627

# Details

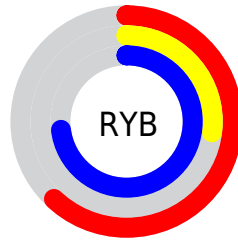
The Hex color **9F45B9** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **5FB945**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **D87BF2**, and **680583** is the 20% darker color. If you saturate the color by 10%, you get **9B33B9**, and if you desaturate by 10%, it is **A357B9**.

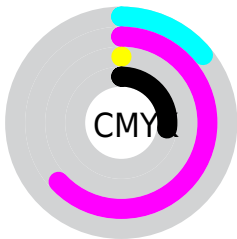
# Distribution



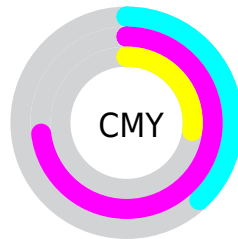
- Red (62%)
- Green (27%)
- Blue (73%)



- Red (62%)
- Yellow (27%)
- Blue (73%)



- Cyan (14%)
- Magenta (63%)
- Yellow (0%)
- Black (27%)



- Cyan (38%)
- Magenta (73%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F45B9 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 9F45B9 by changing the saturation by 10% instead.



9F45B9

9F45B9

FFFFFF

83299E

D87BF2

680583

F696FF

4D0069

FFB2FF

330051

FFCEFF

190039

FFE8FF

000222

000008

000000

9F45B9

9F45B9

9B33B9

A357B9

9720B9

A76AB9

930DB9

AB7DB9

9000B9

B08FB9

B4A2B9

B8B4B9

BCC6B9

C0D9B9

C4EBB9

# Harmonies

## Analogous

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



2C65DD



9F45B9



CA1E82

# Triad

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



9F45B9



946300



008695

# Complementary

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



9F45B9



5FB945

# 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.



008557



9F45B9



5D7600

# Square

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



9F45B9



BC4607



008013



0083C8

# Rectangle

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



9F45B9



D2175A



008013



008681



# Sweetspot

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



9F45B9



E5C2F0



4560B9



725C78



F7F7F7



787878



# Same Dimension

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



9F45B9



C73CF0



B9459A



5A535C



79009C



16001C



# Inverse Universe

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



B9455F



F03C64



45B964



5C5355



9C0023



1C0006



# Previews

## White Background



This preview shows how the Hex color 9F45B9 looks on a white background.

## Color Contrast Check

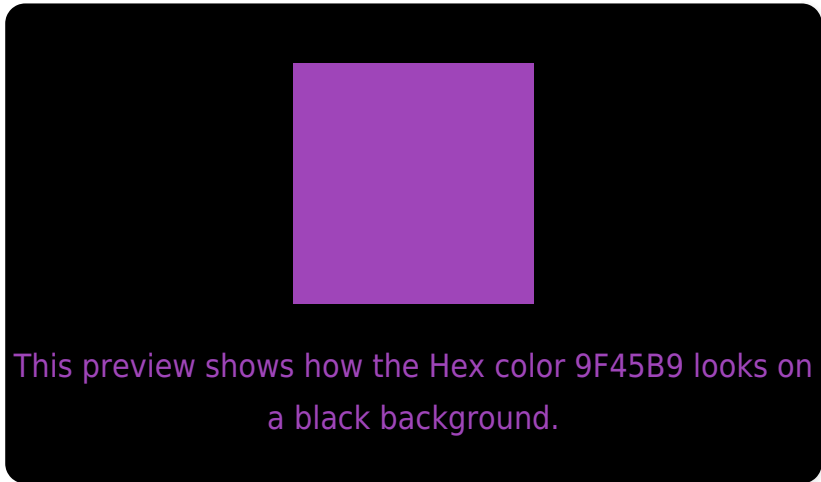
Large Text (above 18pt) WCAG AA ✓ Pass

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

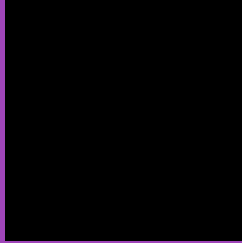
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9F45B9 Background



This preview shows how black text looks on a background with the Hex color 9F45B9.

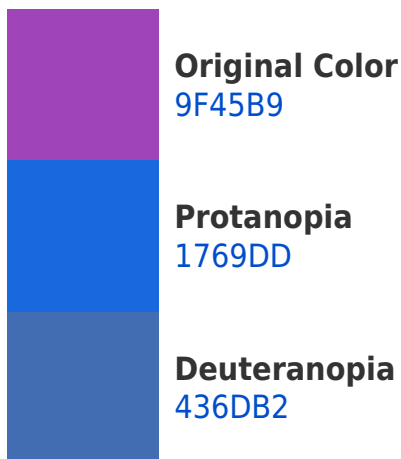



This preview shows how white text looks on a background with the Hex color 9F45B9.

# 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](#).

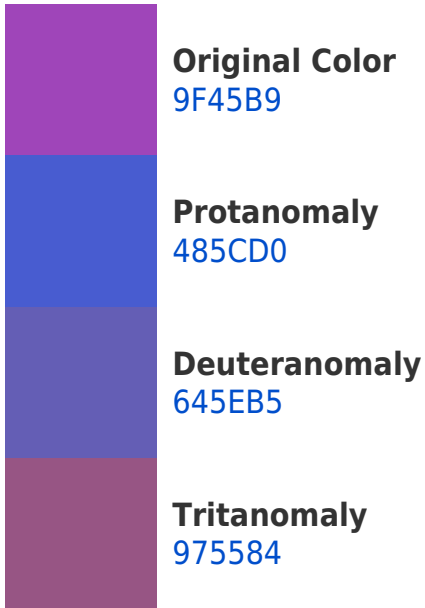
## Dichromacy



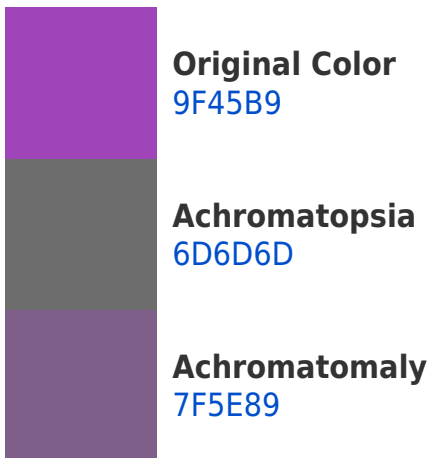


**Tritanopia**  
935E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F45B9 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 #9F45B9 looks like.

```
.text, #text, p{  
    color:#9F45B9  
}
```

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 #9F45B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F45B9
}
```

## Border

The CSS property to change the border of an element to Hex 9F45B9 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
#9F45B9 }
```

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

```
.border{ border-color:#9F45B9 }
```

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

Here you see how a box with a 4 pixel #9F45B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F45B9; -webkit-box-shadow:4px 4px  
4px 4px #9F45B9; box-shadow:4px 4px 4px  
4px #9F45B9 }
```

# Background

The CSS property to change the background color of an element to Hex 9F45B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F45B9 }
```

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

```
.background{ background-color:#9F45B9 }
```

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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