

# Converting Colors

Hex(9D4EBA)

Have a look what the booklet for  
Hex(9D4EBA) contains.

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# Color

**Hex(9D4EBA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D4EBA
RGB	157, 78, 186
RGB Percent	62%, 31%, 73%
CMY	0.3843, 0.6941, 0.2706
CMYK	0.16, 0.58, 0.00, 0.27
HSL	284°, 44%, 52%
HSV	284°, 58%, 73%
XYZ	25.4919, 16.1620, 48.2304
YIQ	113.9330, 12.4160, 50.3360

# Conversions

## Conversions Part 2

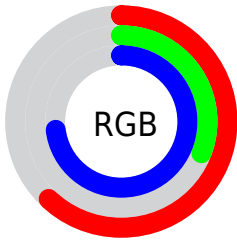
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 78, 186
Decimal	10309306
CIE <sub>Lab</sub>	47.19, 50.09, -43.52
CIE <sub>LCh</sub>	47, 66.354, 319.018
Yxy	16.1620, 0.2836, 0.1798
Android (android.graphics.Color)	4288499386 (0xFF9D4EBA)
YUV	113.9330, 35.5290, 37.7698
Hunter-Lab	40.2020, 42.8325, -42.9888

# Details

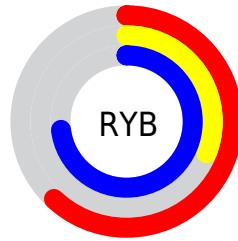
The Hex color **9D4EBA** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **6BBA4E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **D683F3**, and **661884** is the 20% darker color. If you saturate the color by 10%, you get **983BBA**, and if you desaturate by 10%, it is **A261BA**.

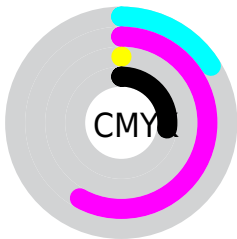
# Distribution



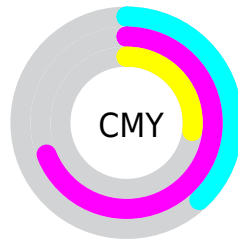
- Red (62%)
- Green (31%)
- Blue (73%)



- Red (62%)
- Yellow (31%)
- Blue (73%)



- Cyan (16%)
- Magenta (58%)
- Yellow (0%)
- Black (27%)



- Cyan (38%)
- Magenta (69%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D4EBA 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 9D4EBA by changing the saturation by 10% instead.



9D4EBA

9D4EBA

FFFFFF

81349F

D683F3

661884

F39EFF

4C006A

FFBAFF

320052

FFD6FF

1A003A

FFF3FF

000223

00000A

000000

9D4EBA

9D4EBA

983BBA

A261BA

9329BA

A773BA

8E16BA

AC86BA

8904BA

B198BA

8800BA

B6ABBA

BBEBA

C0D0BA

C5E3BA

CAF5BA

# Harmonies

## Analogous

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



346ADB



9D4EBA



C83087

# Triad

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



9D4EBA



986600



008893

# Complementary

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



9D4EBA



6BBA4E

# 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.



008759



9D4EBA



667800

# Square

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



9D4EBA



BE4C19



0A821D



0086C4

# Rectangle

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



9D4EBA



D12B62



0A821D



008880



# Sweetspot

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



9D4EBA



E7C9F2



4E6DBA



74627A



FAFAFA



7A7A7A



# Same Dimension

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



9D4EBA



C549F2



BA4EA3



59535C



72009C



15001C



# Inverse Universe

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



BA4E6B



F24976



4EBA65



5C5355



9C002A



1C0008



# Previews

## White Background



This preview shows how the Hex color 9D4EBA looks on a white background.

## Color Contrast Check

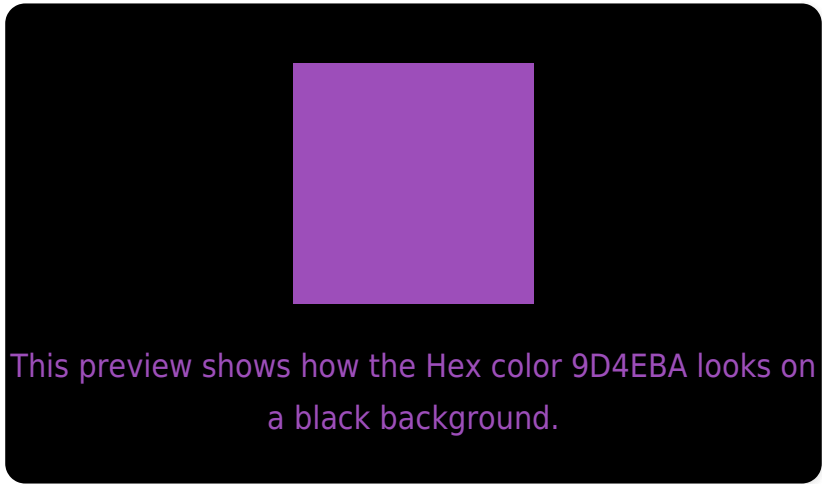
Large Text (above 18pt) WCAG AA ✓ Pass

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

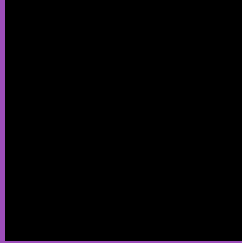
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9D4EBA Background



This preview shows how black text looks on a background with the Hex color 9D4EBA.

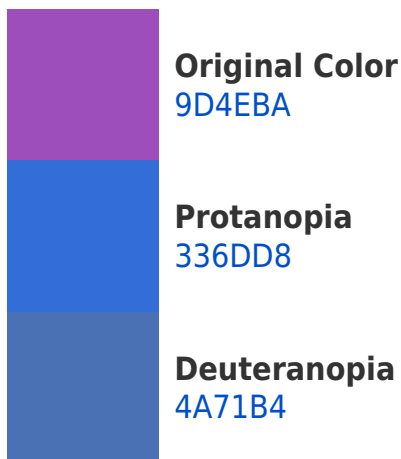


This preview shows how white text looks on a background with the Hex color 9D4EBA.

# 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](#).

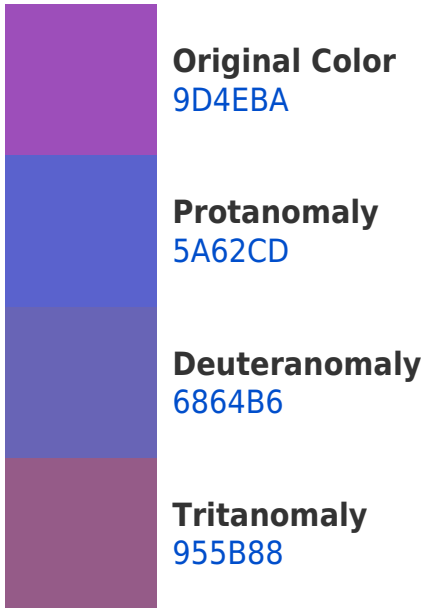
## Dichromacy





**Tritanopia**  
91636B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D4EBA 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 #9D4EBA looks like.

```
.text, #text, p{  
    color:#9D4EBA  
}
```

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 #9D4EBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D4EBA
}
```

## Border

The CSS property to change the border of an element to Hex 9D4EBA is called "border". The border property can be set on classes, ids or directly on the HTML element.

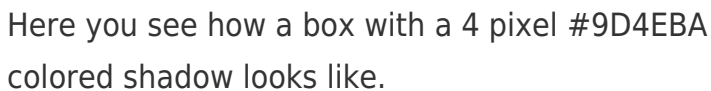
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D4EBA }
```

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

```
.border{ border-color:#9D4EBA }
```

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



Here you see how a box with a 4 pixel #9D4EBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D4EBA; -webkit-box-shadow:4px 4px  
4px 4px #9D4EBA; box-shadow:4px 4px 4px  
4px #9D4EBA }
```

# Background

The CSS property to change the background color of an element to Hex 9D4EBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D4EBA }
```

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

```
.background{ background-color:#9D4EBA }
```

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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