

# Converting Colors

Hex(9B1BA5)

Have a look what the booklet for  
Hex(9B1BA5) contains.

<b>Hex(9B1BA5)</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(9B1BA5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B1BA5
RGB	155, 27, 165
RGB Percent	61%, 11%, 65%
CMY	0.3922, 0.8941, 0.3529
CMYK	0.06, 0.84, 0.00, 0.35
HSL	296°, 72%, 38%
HSV	296°, 84%, 65%
XYZ	20.7010, 10.4690, 36.5270
YIQ	81.0040, 31.9900, 70.0540

# Conversions

## Conversions Part 2

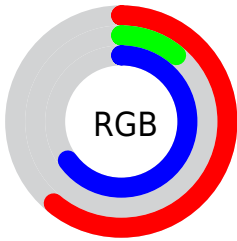
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 27, 165
Decimal	10165157
CIE <sub>Lab</sub>	38.67, 65.18, -44.71
CIE <sub>LCh</sub>	39, 79.037, 325.553
Yxy	10.4690, 0.3058, 0.1546
Android (android.graphics.Color)	4288355237 (0xFF9B1BA5)
YUV	81.0040, 41.4100, 64.8945
Hunter-Lab	32.3559, 57.5800, -44.2841

# Details

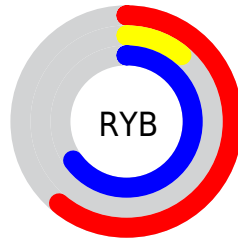
The Hex color **9B1BA5** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **25A51B**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **D55ADD**, and **630070** is the 20% darker color. If you saturate the color by 10%, you get **9A0AA5**, and if you desaturate by 10%, it is **9C2BA5**.

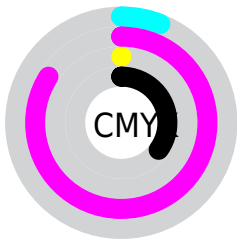
# Distribution



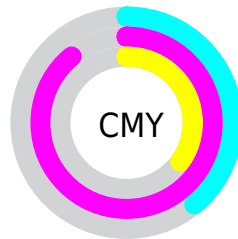
- Red (61%)
- Green (11%)
- Blue (65%)



- Red (61%)
- Yellow (11%)
- Blue (65%)



- Cyan (6%)
- Magenta (84%)
- Yellow (0%)
- Black (35%)



- Cyan (39%)
- Magenta (89%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B1BA5 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 9B1BA5 by changing the saturation by 10% instead.





9B1BA5



9B1BA5

FFFFFF



7F008A



D55ADD



630070



F376FA



480057



FF93FF



2F003F



FFAFFF



0A0028



FFCCFF



000112



FFE9FF



000000



9B1BA5



9B1BA5



9A0AA5



9C2BA5

9900A5

9D3CA5

9F4CA5

A05DA5

A16DA5

A27EA5

A38EA5

A59FA5

A6AFA5

# Harmonies

## Analogous

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



204FD1



9B1BA5



C20068

# Triad

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



9B1BA5



785600



007491

# Complementary

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



9B1BA5



25A51B

# 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.



00734F



9B1BA5



396700

# Square

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



9B1BA5



A63400



007000



0072C6

# Rectangle

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



9B1BA5



C5003E



007000



00747C



# Sweetspot

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



9B1BA5



D2A1D6



1B26A5



694B6B



EBEBEB



6B6B6B



# Same Dimension

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



9B1BA5



C700D6



A51B6B



514952



870091



110012



# Inverse Universe

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



A51B25



D60010



1BA555



52494A



91000B



120001



# Previews

## White Background



This preview shows how the Hex color 9B1BA5 looks on a white background.

## Color Contrast Check

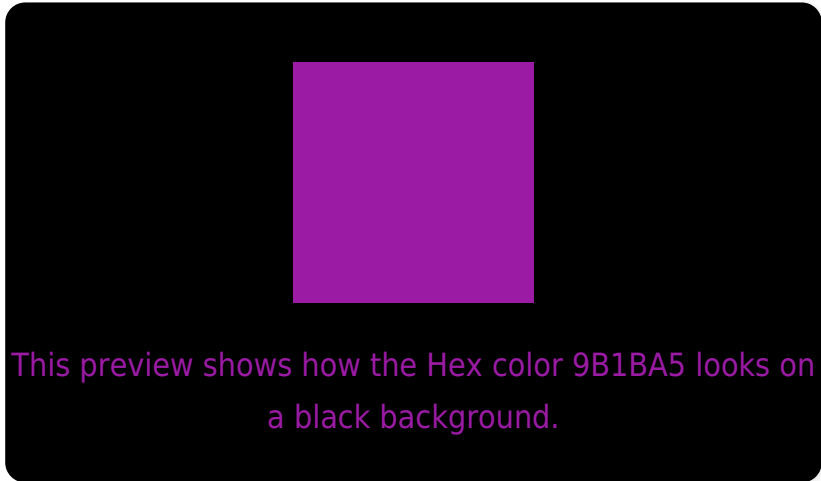
Large Text (above 18pt) WCAG AA ✓ Pass

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

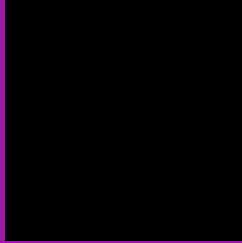
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9B1BA5 Background



This preview shows how black text looks on a background with the Hex color 9B1BA5.

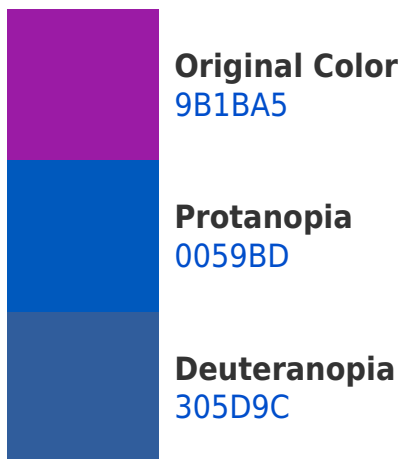



This preview shows how white text looks on a background with the Hex color 9B1BA5.

# 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](#).

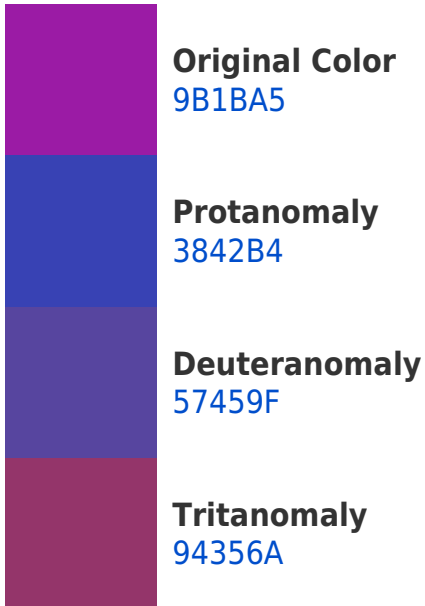
## Dichromacy



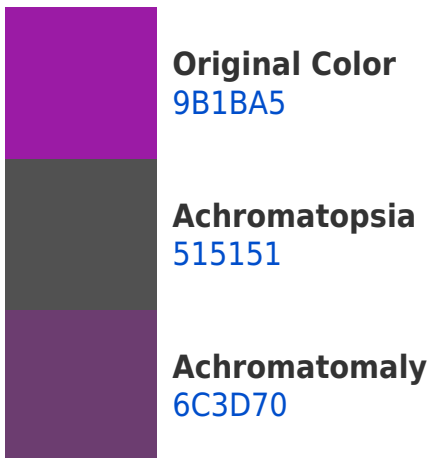


**Tritanopia**  
904449

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B1BA5 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 #9B1BA5 looks like.

```
.text, #text, p{  
    color:#9B1BA5  
}
```

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 #9B1BA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B1BA5
}
```

## Border

The CSS property to change the border of an element to Hex 9B1BA5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

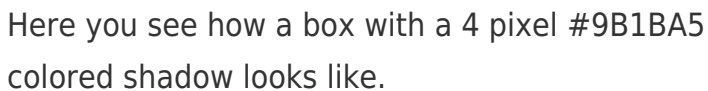
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B1BA5 }
```

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

```
.border{ border-color:#9B1BA5 }
```

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



Here you see how a box with a 4 pixel #9B1BA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B1BA5; -webkit-box-shadow:4px 4px  
4px 4px #9B1BA5; box-shadow:4px 4px 4px  
4px #9B1BA5 }
```

# Background

The CSS property to change the background color of an element to Hex 9B1BA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B1BA5 }
```

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

```
.background{ background-color:#9B1BA5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor