

# Converting Colors

Hex(9B4E90)

Have a look what the booklet for  
Hex(9B4E90) contains.

<b>Hex(9B4E90)</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(9B4E90)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B4E90
RGB	155, 78, 144
RGB Percent	61%, 31%, 56%
CMY	0.3922, 0.6941, 0.4353
CMYK	0.00, 0.50, 0.07, 0.39
HSL	309°, 33%, 46%
HSV	309°, 50%, 61%
XYZ	21.2760, 14.4310, 28.0496
YIQ	108.5470, 24.7060, 36.8500

# Conversions

## Conversions Part 2

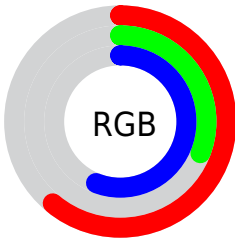
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 78, 144
Decimal	10178192
CIE <sub>Lab</sub>	44.84, 41.33, -22.35
CIE <sub>LCh</sub>	45, 46.986, 331.592
Yxy	14.4310, 0.3337, 0.2263
Android (android.graphics.Color)	4288368272 (0xFF9B4E90)
YUV	108.5470, 17.4783, 40.7393
Hunter-Lab	37.9881, 33.4933, -17.1869

# Details

The Hex color **9B4E90** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4E9B59**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **D382C6**, and **661B5D** is the 20% darker color. If you saturate the color by 10%, you get **9B3F8E**, and if you desaturate by 10%, it is **9B5E92**.

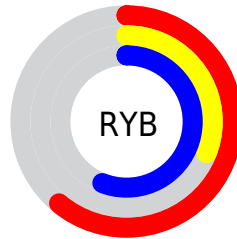
# Distribution



Red (61%)

Green (31%)

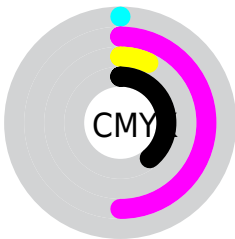
Blue (56%)



Red (61%)

Yellow (31%)

Blue (56%)

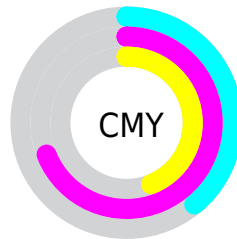


Cyan (0%)

Magenta (50%)

Yellow (7%)

Black (39%)



Cyan (39%)

Magenta (69%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B4E90 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 9B4E90 by changing the saturation by 10% instead.



 9B4E90

 9B4E90

FFFFFF

 803576

 D382C6

 661B5D

 F09DE2

 4C0046

 FFB8FF

 34002F

 FFD4FF

 1A001A

 FFF1FF

 000000

 9B4E90

 9B4E90

 9B3F8E

 9B5E92

 9B2F8C

 9B6D94

 9B2089

 9B7C97

 9B1087

 9B8C99

 9B0185

 9B9B9B

 9B0085

 9BAB9D

 9BBB9F

 9BCAA2

 9BDAA4

# Harmonies

## Analogous

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



6D5FAD



9B4E90



AF456A

# Triad

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



9B4E90



7C6912



007C92

# Complementary

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



9B4E90



4E9B59

# 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.



007D6B



9B4E90



557421

# Square

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



9B4E90



9B5A24



117A43



0078AF

# Rectangle

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



9B4E90



B14750



117A43



007D86



# Sweetspot

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



9B4E90



C9ABC5



584E9B



665463



E6E6E6



666666



# Same Dimension

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



9B4E90



C951B8



9B4E6A



4D454B



8C0078



0D000B



# Inverse Universe

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



9B4E90



C951B8



4E9B7F



4D454B



8C0078

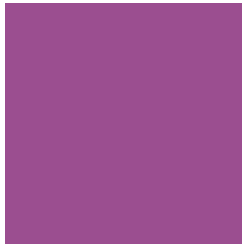


0D000B



# Previews

## White Background



This preview shows how the Hex color 9B4E90 looks on a white background.

## Color Contrast Check

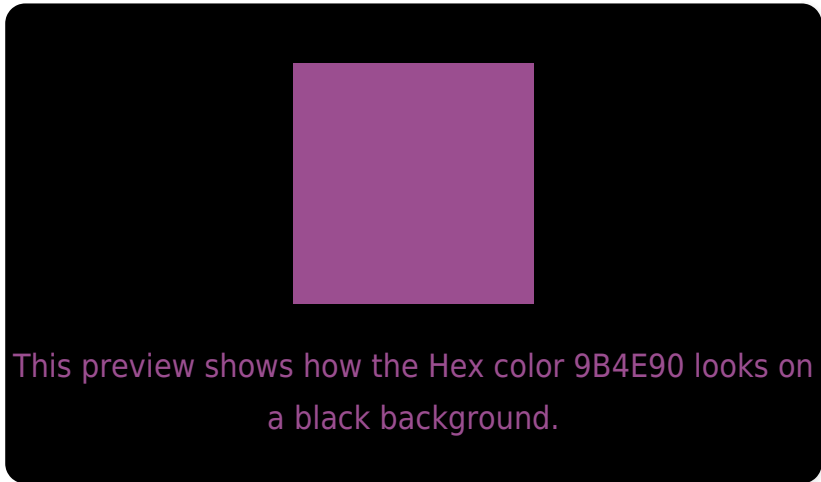
Large Text (above 18pt) WCAG AA ✓ Pass

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

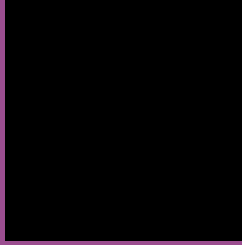
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9B4E90 Background



This preview shows how black text looks on a background with the Hex color 9B4E90.




This preview shows how white text looks on a background with the Hex color 9B4E90.

# 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](#).

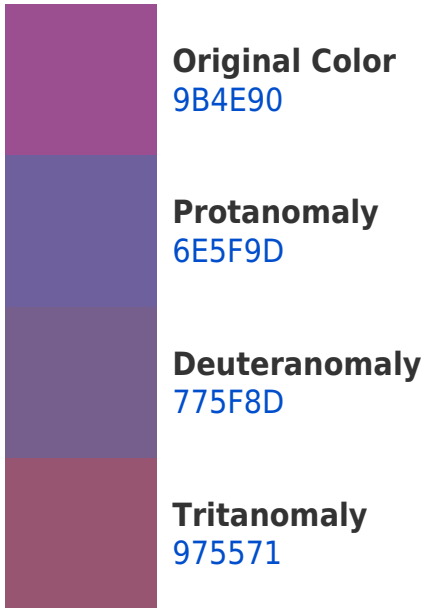
## Dichromacy



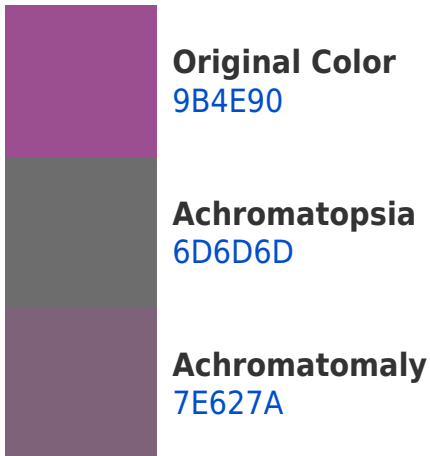


**Tritanopia**  
955960

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B4E90 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 #9B4E90 looks like.

```
.text, #text, p{  
    color:#9B4E90  
}
```

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 #9B4E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B4E90
}
```

## Border

The CSS property to change the border of an element to Hex 9B4E90 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
#9B4E90 }
```

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

```
.border{ border-color:#9B4E90 }
```

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

Here you see how a box with a 4 pixel #9B4E90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B4E90; -webkit-box-shadow:4px 4px  
4px 4px #9B4E90; box-shadow:4px 4px 4px  
4px #9B4E90 }
```

# Background

The CSS property to change the background color of an element to Hex 9B4E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B4E90 }
```

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

```
.background{ background-color:#9B4E90 }
```

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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