

# Converting Colors

Hex(9E75B9)

Have a look what the booklet for  
Hex(9E75B9) contains.

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# Color

**Hex(9E75B9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E75B9
RGB	158, 117, 185
RGB Percent	62%, 46%, 73%
CMY	0.3804, 0.5412, 0.2745
CMYK	0.15, 0.37, 0.00, 0.27
HSL	276°, 33%, 59%
HSV	276°, 37%, 73%
XYZ	29.2188, 23.4945, 48.8938
YIQ	137.0110, 2.6080, 29.8400

# Conversions

## Conversions Part 2

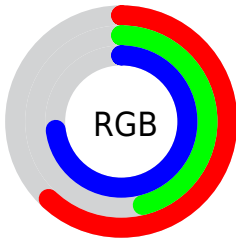
Format	Color
R <sub>Y</sub> B	158, 117, 185
Decimal	10384825
CIE Lab	55.58, 28.93, -29.74
CIE LCh	56, 41.489, 314.201
Yxy	23.4945, 0.2876, 0.2312
Android (android.graphics.Color)	4288574905 (0xFF9E75B9)
YUV	137.0110, 23.6586, 18.4074
Hunter-Lab	48.4711, 22.7770, -25.8773

# Details

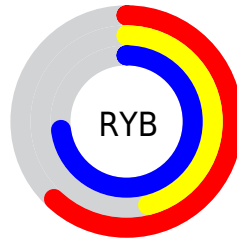
The Hex color **9E75B9** is a light color, and the websafe version is hex **996699**. A complement of this color would be **90B975**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **D6AAF1**, and **694484** is the 20% darker color. If you saturate the color by 10%, you get **9763B9**, and if you desaturate by 10%, it is **A588B9**.

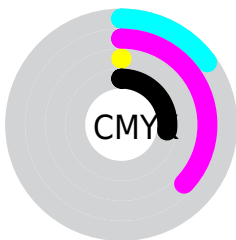
# Distribution



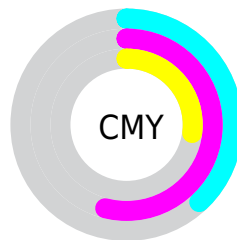
- Red (62%)
- Green (46%)
- Blue (73%)



- Red (62%)
- Yellow (46%)
- Blue (73%)



- Cyan (15%)
- Magenta (37%)
- Yellow (0%)
- Black (27%)



- Cyan (38%)
- Magenta (54%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E75B9 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 9E75B9 by changing the saturation by 10% instead.





9E75B9



9E75B9

FFFFFF



835C9E



D6AAF1



694484



F2C5FF



502D6A



FFE1FF



381652

FFFEFF



20003A



000024



00000C



000000



9E75B9



9E75B9

9763B9

A588B9

8F50B9

AD9AB9

883DB9

B4ADB9

812BB9

BBBFB9

7918B9

C3D2B9

7206B9

CAE4B9

7000B9

D1F6B9

D9FFB9

E0FFB9

# Harmonies

## Analogous

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



6883CB



9E75B9



BE6A9A

# Triad

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



9E75B9



AB7C3F



009896

# Complementary

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



9E75B9



90B975

# 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.



279670



9E75B9



8A893D

# Square

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



9E75B9



C16F55



629150



0095B6

# Rectangle

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



9E75B9



C86781



629150



009789



# Sweetspot

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



9E75B9



E5D5F0



7590B9



726878



F7F7F7



787878



# Same Dimension

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



9E75B9



C686F0



B975B2



58535C



5E009C



11001C



# Inverse Universe

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



B97590



F086B0



75B97C



5C5356



9C003E

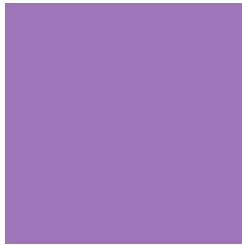


1C000B



# Previews

## White Background



This preview shows how the Hex color 9E75B9 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

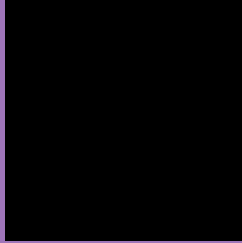
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E75B9 Background



This preview shows how black text looks on a background with the Hex color 9E75B9.

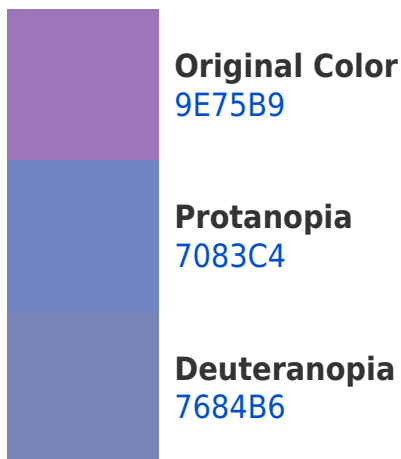


This preview shows how white text looks on a background with the Hex color 9E75B9.

# 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](#).

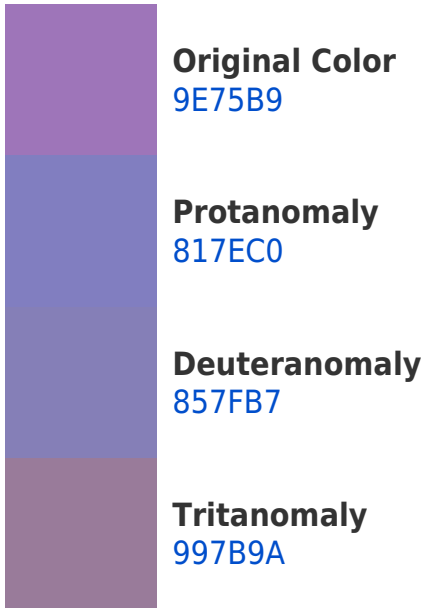
## Dichromacy



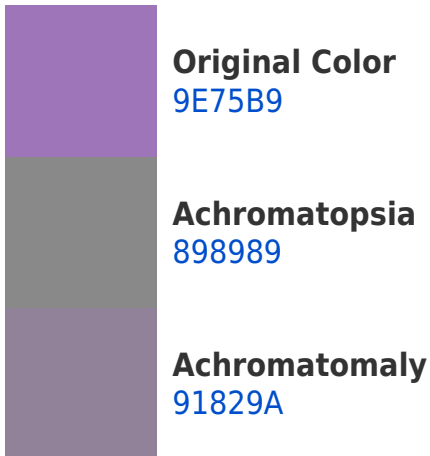


**Tritanopia**  
967F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E75B9 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 #9E75B9 looks like.

```
.text, #text, p{  
    color:#9E75B9  
}
```

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 #9E75B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E75B9
}
```

## Border

The CSS property to change the border of an element to Hex 9E75B9 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
#9E75B9 }
```

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

```
.border{ border-color:#9E75B9 }
```

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

Here you see how a box with a 4 pixel #9E75B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E75B9; -webkit-box-shadow:4px 4px  
4px 4px #9E75B9; box-shadow:4px 4px 4px  
4px #9E75B9 }
```

# Background

The CSS property to change the background color of an element to Hex 9E75B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E75B9 }
```

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

```
.background{ background-color:#9E75B9 }
```

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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