

# Converting Colors

Hex(9E5299)

Have a look what the booklet for  
Hex(9E5299) contains.

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# Color

**Hex(9E5299)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E5299
RGB	158, 82, 153
RGB Percent	62%, 32%, 60%
CMY	0.3804, 0.6784, 0.4000
CMYK	0.00, 0.48, 0.03, 0.38
HSL	304°, 32%, 47%
HSV	304°, 48%, 62%
XYZ	22.8676, 15.6036, 31.9435
YIQ	112.8180, 22.5050, 38.1930

# Conversions

## Conversions Part 2

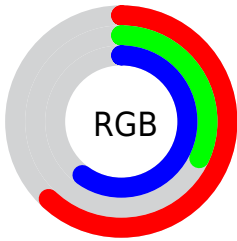
Format	Color
R <sub>Y</sub> B	158, 82, 153
Decimal	10375833
CIE Lab	46.45, 41.80, -25.22
CIE LCh	46, 48.817, 328.893
Yxy	15.6036, 0.3248, 0.2216
Android (android.graphics.Color)	4288565913 (0xFF9E5299)
YUV	112.8180, 19.8097, 39.6246
Hunter-Lab	39.5014, 34.2074, -20.2950

# Details

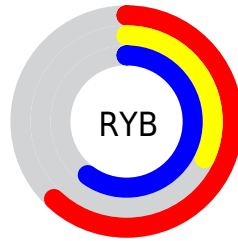
The Hex color **9E5299** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **529E57**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **D686D0**, and **681F66** is the 20% darker color. If you saturate the color by 10%, you get **9E4298**, and if you desaturate by 10%, it is **9E629A**.

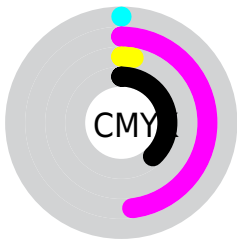
# Distribution



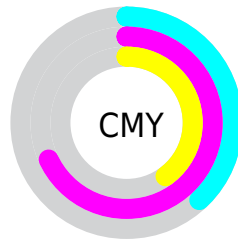
- Red (62%)
- Green (32%)
- Blue (60%)



- Red (62%)
- Yellow (32%)
- Blue (60%)



- Cyan (0%)
- Magenta (48%)
- Yellow (3%)
- Black (38%)



- Cyan (38%)
- Magenta (68%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E5299 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 9E5299 by changing the saturation by 10% instead.



 9E5299

 9E5299

FFFFFF

 83397F

 D686D0

 681F66

 F3A1EC

 4F004D

 FFBDFE

 360036

 FFD9FF

 1F0021

 FFF6FF

 000005

 000000

 9E5299

 9E5299

 9E4298

 9E629A

 9E3297

 9E729B

 9E2396

 9E819C

 9E1395

 9E919D

 9E0394

 9EA19E

 9E0094

 9EB19F

 9EC1A0

 9ED0A1

 9EE0A2

# Harmonies

## Analogous

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



6B64B6



9E5299



B64771

# Triad

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



9E5299



846C12



008195

# Complementary

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



9E5299



529E57

# 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.



00816B



9E5299



5C771F

# Square

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



9E5299



A45C27



1C7E42



007DB4

# Rectangle

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



9E5299



B84956



1C7E42



008287



# Sweetspot

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



9E5299



CFB2CD



56529E



695767



E8E8E8



696969



# Same Dimension

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



9E5299



CF57C7



9E5274



4F474F



8F0085



0F000E



# Inverse Universe

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



9E5299



CF57C7



529E7C



4F474F



8F0085

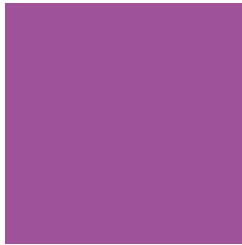


0F000E



# Previews

## White Background



This preview shows how the Hex color 9E5299 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

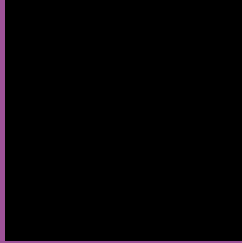
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E5299 Background



This preview shows how black text looks on a background with the Hex color 9E5299.



This preview shows how white text looks on a background with the Hex color 9E5299.

# 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](#).

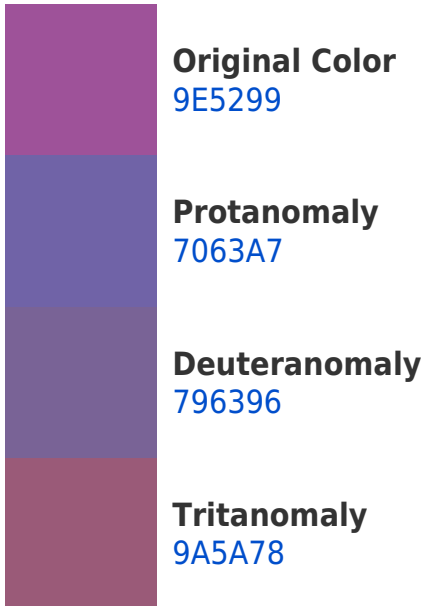
## Dichromacy



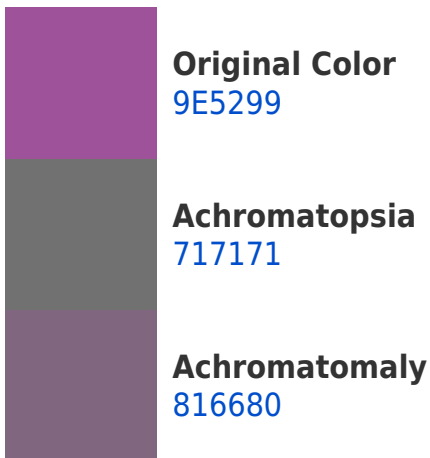


**Tritanopia**  
985E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E5299 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 #9E5299 looks like.

```
.text, #text, p{  
    color:#9E5299  
}
```

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 #9E5299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E5299
}
```

## Border

The CSS property to change the border of an element to Hex 9E5299 is called "border". The border property can be set on classes, ids or directly on the HTML element.

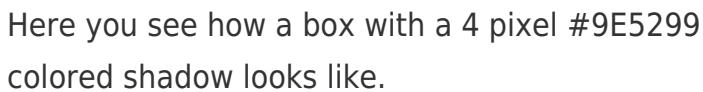
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E5299 }
```

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

```
.border{ border-color:#9E5299 }
```

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



Here you see how a box with a 4 pixel #9E5299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E5299; -webkit-box-shadow:4px 4px  
4px 4px #9E5299; box-shadow:4px 4px 4px  
4px #9E5299 }
```

# Background

The CSS property to change the background color of an element to Hex 9E5299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E5299 }
```

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

```
.background{ background-color:#9E5299 }
```

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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