

# Converting Colors

Hex(9E299E)

Have a look what the booklet for  
Hex(9E299E) contains.

<b>Hex(9E299E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9E299E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E299E
RGB	158, 41, 158
RGB Percent	62%, 16%, 62%
CMY	0.3804, 0.8392, 0.3804
CMYK	0.00, 0.74, 0.00, 0.38
HSL	300°, 59%, 39%
HSV	300°, 74%, 62%
XYZ	21.0650, 11.3236, 33.4232
YIQ	89.3210, 32.1750, 61.1910

# Conversions

## Conversions Part 2

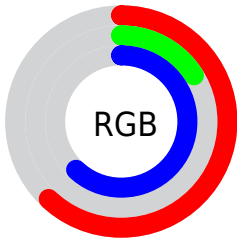
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 41, 158
Decimal	10365342
CIE <sub>Lab</sub>	40.12, 60.69, -38.16
CIE <sub>LCh</sub>	40, 71.684, 327.841
Yxy	11.3236, 0.3201, 0.1721
Android (android.graphics.Color)	4288555422 (0xFF9E299E)
YUV	89.3210, 33.8587, 60.2315
Hunter-Lab	33.6506, 52.8514, -35.3340

# Details

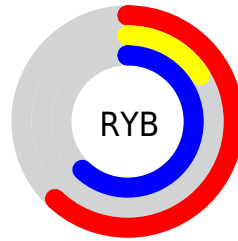
The Hex color **9E299E** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **299E29**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **D863D5**, and **67006A** is the 20% darker color. If you saturate the color by 10%, you get **9E199E**, and if you desaturate by 10%, it is **9E399E**.

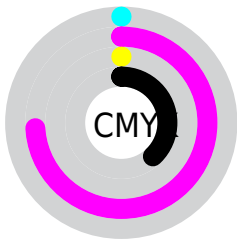
# Distribution



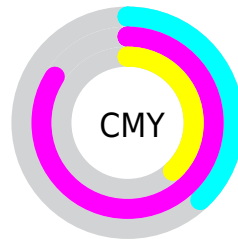
- Red (62%)
- Green (16%)
- Blue (62%)



- Red (62%)
- Yellow (16%)
- Blue (62%)



- Cyan (0%)
- Magenta (74%)
- Yellow (0%)
- Black (38%)



- Cyan (38%)
- Magenta (84%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E299E 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 9E299E by changing the saturation by 10% instead.





9E299E



9E299E

FFFFFF



820084



D863D5



67006A



F57FF2



4C0051



FF9BFF



34003A



FFB7FF



130023



FFD4FF



000009



FFF1FF



000000



9E299E



9E299E



9E199E



9E399E

■ 9E099E

■ 9E499E

■ 9E009E

■ 9E589E

■ 9E689E

■ 9E789E

■ 9E889E

■ 9E989E

■ 9EA79E

■ 9EB79E

# Harmonies

## Analogous

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



4651C8



9E299E



BF0065

# Triad

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



9E299E



785B00



007794

# Complementary

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



9E299E



299E29

# 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.



007658



9E299E



3D6B00

# Square

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



9E299E



A34000



007217



0073C2

# Rectangle

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



9E299E



C1003F



007217



007781



# Sweetspot

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



9E299E



CFA1CF



29299E



694D69



E8E8E8



696969



# Same Dimension

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



9E299E



CF17CF



9E2964



4F474F



8F008F



0F000F



# Inverse Universe

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



9E299E



CF17CF



299E64



4F474F



8F008F



0F000F



# Previews

## White Background



This preview shows how the Hex color 9E299E looks on a white background.

## Color Contrast Check

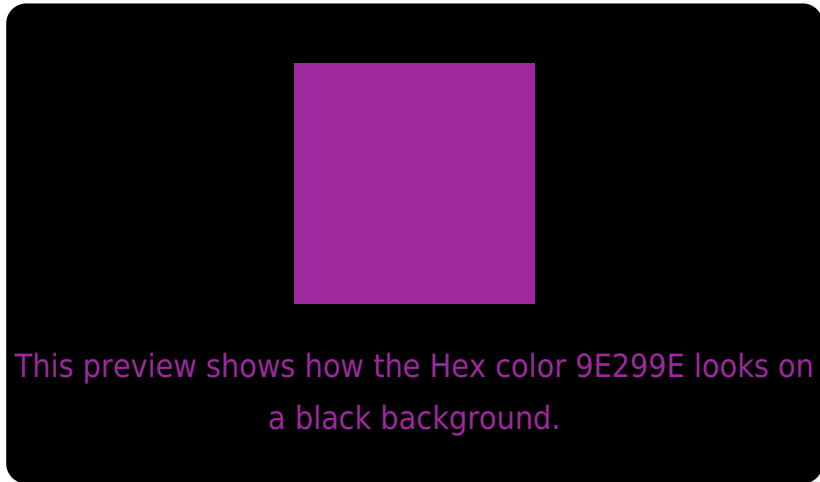
Large Text (above 18pt) WCAG AA ✓ Pass

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

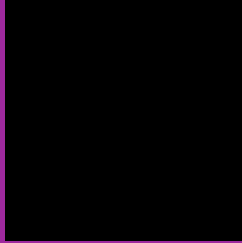
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E299E Background



This preview shows how black text looks on a background with the Hex color 9E299E.

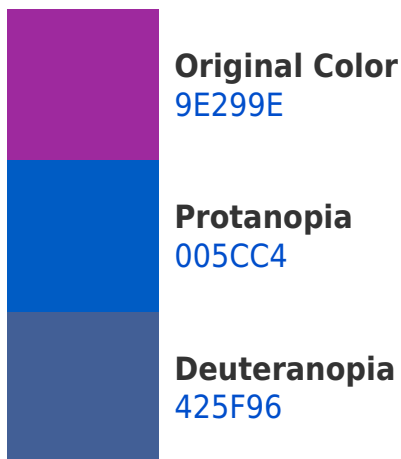



This preview shows how white text looks on a background with the Hex color 9E299E.

# 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**  
95474C

# Trichromacy



**Original Color**  
9E299E



**Protanomaly**  
3949B6



**Deuteranomaly**  
634B99



**Tritanomaly**  
983C6A

# Monochromacy



**Original Color**  
9E299E



**Achromatopsia**  
595959



**Achromatomaly**  
724872

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E299E 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 #9E299E looks like.

```
.text, #text, p{  
    color:#9E299E  
}
```

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 #9E299E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E299E
}
```

## Border

The CSS property to change the border of an element to Hex 9E299E 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
#9E299E }
```

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

```
.border{ border-color:#9E299E }
```

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

Here you see how a box with a 4 pixel #9E299E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E299E; -webkit-box-shadow:4px 4px  
4px 4px #9E299E; box-shadow:4px 4px 4px  
4px #9E299E }
```

# Background

The CSS property to change the background color of an element to Hex 9E299E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E299E }
```

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

```
.background{ background-color:#9E299E }
```

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