

# Converting Colors

Hex(9E0099)

Have a look what the booklet for  
Hex(9E0099) contains.

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**Color**

**Hex(9E0099)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E0099
RGB	158, 0, 153
RGB Percent	62%, 0%, 60%
CMY	0.3804, 1.0000, 0.4000
CMYK	0.00, 1.00, 0.03, 0.38
HSL	302°, 100%, 31%
HSV	302°, 100%, 62%
XYZ	19.8503, 9.5690, 30.9378
YIQ	64.6840, 45.0550, 81.0790

# Conversions

## Conversions Part 2

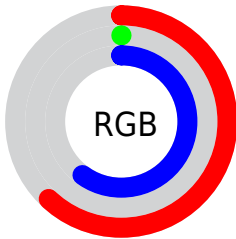
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 0, 153
Decimal	10354841
CIE <sub>Lab</sub>	37.06, 67.96, -40.01
CIE <sub>LCh</sub>	37, 78.856, 329.514
Yxy	9.5690, 0.3289, 0.1585
Android (android.graphics.Color)	4288544921 (0xFF9E0099)
YUV	64.6840, 43.5398, 81.8381
Hunter-Lab	30.9338, 60.4098, -37.6439

# Details

The Hex color **9E0099** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **009E05**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **D850D0**, and **660065** is the 20% darker color. If you saturate the color by 10%, you get **9E0099**, and if you desaturate by 10%, it is **9E109A**.

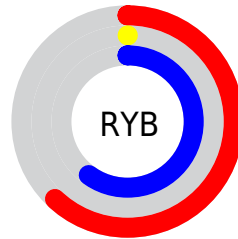
# Distribution



Red (62%)

Green (0%)

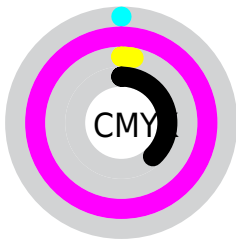
Blue (60%)



Red (62%)

Yellow (0%)

Blue (60%)

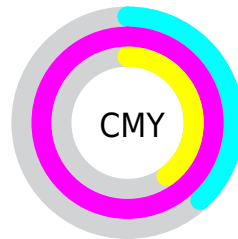


Cyan (0%)

Magenta (100%)

Yellow (3%)

Black (38%)



Cyan (38%)

Magenta (100%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E0099 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 9E0099 by changing the saturation by 10% instead.



 9E0099

 9E0099

FFFFFF

 82007F

 D850D0

 660065

 F66DEC

 4A004D

 FF8AFF

 310035

 FFA6FF

 0B001F

 FFC3FF

 000001

 FFE1FF

 000000

 9E0099

 9E109A

 9E209A

 9E2F9B

 9E3F9B

 9E4F9B

 9E5F9C

 9E6F9D

 9E7E9D

 9E8E9E

# Harmonies

## Analogous

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



3D46C8



9E0099



BE005B

# Triad

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



9E0099



6C5500



007095

# Complementary

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



9E0099



009E05

# 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.



006F54



9E0099



286500

# Square

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



9E0099



9C3600



006C06



006DC6

# Rectangle

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



9E0099



BF0032



006C06



007080



# Sweetspot

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



9E0099



CF91CD



03009E



694367



E8E8E8



696969



# Same Dimension

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



9E0099



CF00C8



9E004C



4F474F



8F008A



0F000F



# Inverse Universe

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



9E0099



CF00C8



009E52



4F474F



8F008A



0F000F



# Previews

## White Background



This preview shows how the Hex color 9E0099 looks on a white background.

## Color Contrast Check

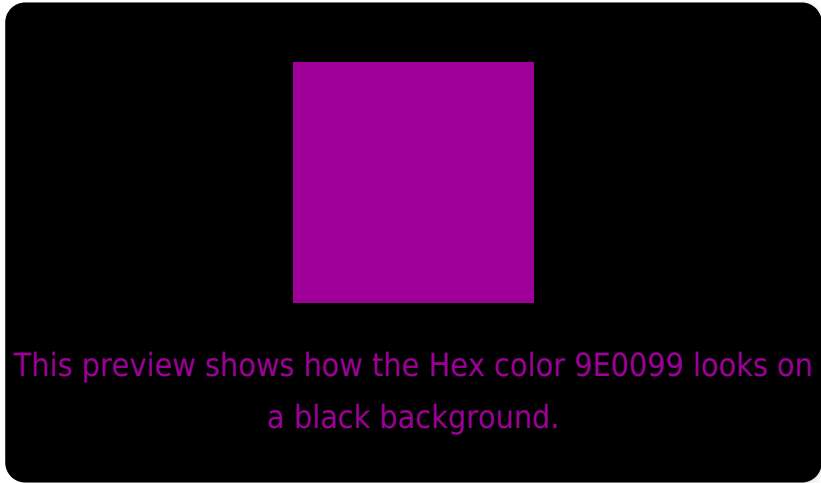
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

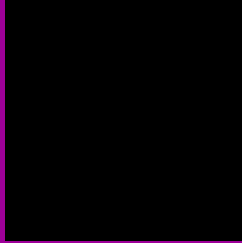
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E0099 Background



This preview shows how black text looks on a background with the Hex color 9E0099.



This preview shows how white text looks on a background with the Hex color 9E0099.

# 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**  
953C40

# Trichromacy



**Original Color**  
9E0099



**Protanomaly**  
3937AD



**Deuteranomaly**  
5F3993



**Tritanomaly**  
982660

# Monochromacy



**Original Color**  
9E0099



**Achromatopsia**  
414141



**Achromatomaly**  
632961

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E0099 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 #9E0099 looks like.

```
.text, #text, p{  
    color:#9E0099  
}
```

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 #9E0099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E0099
}
```

## Border

The CSS property to change the border of an element to Hex 9E0099 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
#9E0099 }
```

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

```
.border{ border-color:#9E0099 }
```

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

Here you see how a box with a 4 pixel #9E0099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E0099; -webkit-box-shadow:4px 4px  
4px 4px #9E0099; box-shadow:4px 4px 4px  
4px #9E0099 }
```

# Background

The CSS property to change the background color of an element to Hex 9E0099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E0099 }
```

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

```
.background{ background-color:#9E0099 }
```

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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