

# Converting Colors

Hex(9E0051)

Have a look what the booklet for  
Hex(9E0051) contains.

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**Color**

**Hex(9E0051)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E0051
RGB	158, 0, 81
RGB Percent	62%, 0%, 32%
CMY	0.3804, 1.0000, 0.6824
CMYK	0.00, 1.00, 0.49, 0.38
HSL	329°, 100%, 31%
HSV	329°, 100%, 62%
XYZ	15.5858, 7.8632, 8.4809
YIQ	56.4760, 68.1670, 58.6870

# Conversions

## Conversions Part 2

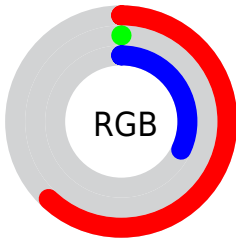
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 0, 81
Decimal	10354769
CIE <sub>Lab</sub>	33.70, 59.47, 0.27
CIE <sub>LCh</sub>	34, 59.466, 0.261
Yxy	7.8632, 0.4881, 0.2463
Android (android.graphics.Color)	4288544849 (0xFF9E0051)
YUV	56.4760, 12.0903, 89.0365
Hunter-Lab	28.0414, 50.1402, 1.6972

# Details

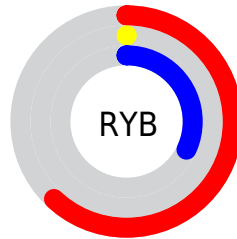
The Hex color **9E0051** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **009E4D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **DA4C82**, and **640025** is the 20% darker color. If you saturate the color by 10%, you get **9E0051**, and if you desaturate by 10%, it is **9E1059**.

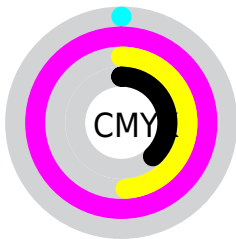
# Distribution



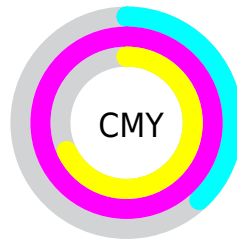
- Red (62%)
- Green (0%)
- Blue (32%)



- Red (62%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (38%)



- Cyan (38%)
- Magenta (100%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E0051 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 9E0051 by changing the saturation by 10% instead.



 9E0051

 9E0051

FFFFFF

 81003A

 DA4C82

 640025

 F8699C

 49000F

 FF85B7

 2C0001

 FFA1D2

 000000

 FFBEEF

 FFD8FF

 FFF8FF

 9E0051

 9E1059

 9E2060

 9E2F68

 9E3F70

 9E4F77

 9E5F7F

 9E6F87

 9E7E8F

 9E8E96

# Harmonies

## Analogous

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



86247F



9E0051



9B1A23

# Triad

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



9E0051



315A00



005FA2

# Complementary

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



9E0051



009E4D

# 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.



00637E



9E0051



00601C

# Square

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



9E0051



614E00



00634E



0056AF

# Rectangle

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



9E0051



8E3000



00634E



006198



# Sweetspot

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



9E0051



CF91B0



4C009E



694356



E8E8E8



696969



# Same Dimension

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



9E0051



CF006A



9E0003



4F474B



8F0049



0F0008



# Inverse Universe

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



9E0051



CF006A



009E9B



4F474B



8F0049



0F0008



# Previews

## White Background



This preview shows how the Hex color 9E0051 looks on a white background.

## Color Contrast Check

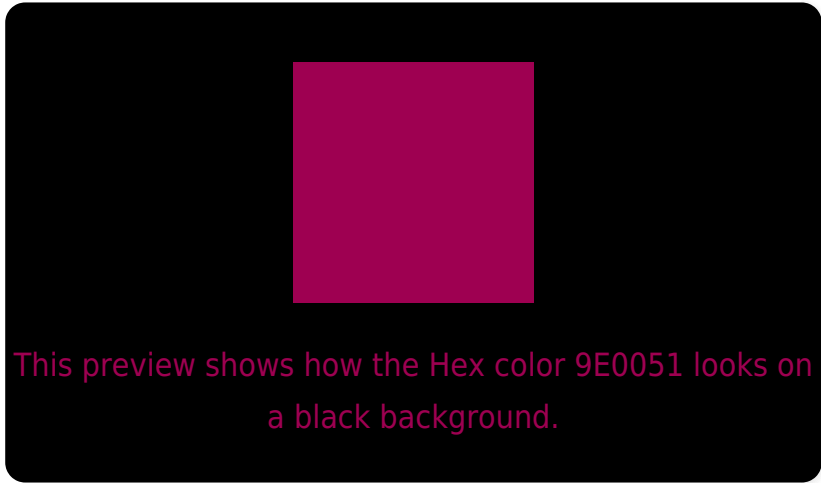
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E0051 Background



This preview shows how black text looks on a background with the Hex color 9E0051.

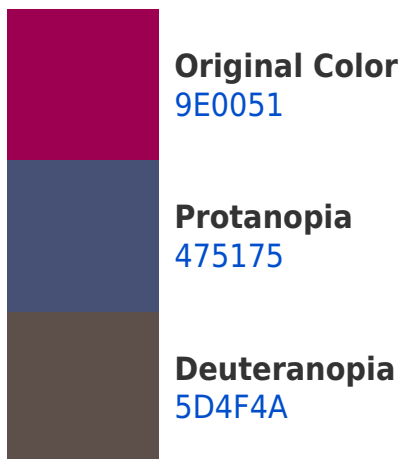


This preview shows how white text looks on a background with the Hex color 9E0051.

# 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





# Trichromacy



**Original Color**  
9E0051



**Protanomaly**  
673468



**Deuteranomaly**  
75324D



**Tritanomaly**  
9D1432

# Monochromacy



**Original Color**  
9E0051



**Achromatopsia**  
383838



**Achromatomaly**  
5D2441

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E0051 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 #9E0051 looks like.

```
.text, #text, p{  
    color:#9E0051  
}
```

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 #9E0051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E0051
}
```

## Border

The CSS property to change the border of an element to Hex 9E0051 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
#9E0051 }
```

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

```
.border{ border-color:#9E0051 }
```

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

Here you see how a box with a 4 pixel #9E0051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E0051; -webkit-box-shadow:4px 4px  
4px 4px #9E0051; box-shadow:4px 4px 4px  
4px #9E0051 }
```

# Background

The CSS property to change the background color of an element to Hex 9E0051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E0051 }
```

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

```
.background{ background-color:#9E0051 }
```

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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