

# Converting Colors

Hex(9E3859)

Have a look what the booklet for  
Hex(9E3859) contains.

<b>Hex(9E3859)</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(9E3859)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E3859
RGB	158, 56, 89
RGB Percent	62%, 22%, 35%
CMY	0.3804, 0.7804, 0.6510
CMYK	0.00, 0.65, 0.44, 0.38
HSL	341°, 48%, 42%
HSV	341°, 65%, 62%
XYZ	17.3179, 10.8187, 10.6267
YIQ	90.2600, 50.1990, 31.8870

# Conversions

## Conversions Part 2

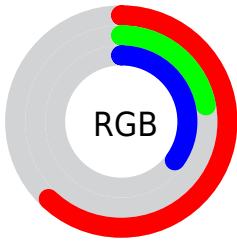
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 56, 89
Decimal	10369113
CIE <sub>Lab</sub>	39.27, 45.21, 3.22
CIE <sub>LCh</sub>	39, 45.325, 4.070
Yxy	10.8187, 0.4468, 0.2791
Android (android.graphics.Color)	4288559193 (0xFF9E3859)
YUV	90.2600, -0.6212, 59.4080
Hunter-Lab	32.8918, 36.4215, 3.8689

# Details

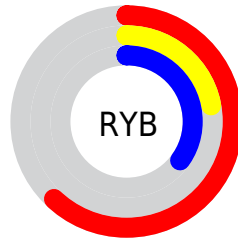
The Hex color **9E3859** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **389E7D**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **D86D8B**, and **66002C** is the 20% darker color. If you saturate the color by 10%, you get **9E284E**, and if you desaturate by 10%, it is **9E4864**.

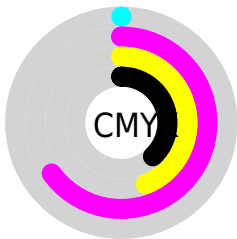
# Distribution



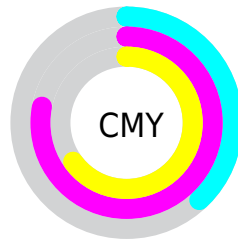
- Red (62%)
- Green (22%)
- Blue (35%)



- Red (62%)
- Yellow (22%)
- Blue (35%)



- Cyan (0%)
- Magenta (65%)
- Yellow (44%)
- Black (38%)



- Cyan (38%)
- Magenta (78%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E3859 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 9E3859 by changing the saturation by 10% instead.



 9E3859

 9E3859

FFFFFF

 821C42

 D86D8B

 66002C

 F687A5

 4B0018

 FFA3C0

 340002

 FFBFDC

 000000

 FFDBF8

 FFF8FF

 9E3859

 9E3859

 9E284E

 9E4864

 9E1844

 9E586E

 9E0939

 9E6779

 9E0033

 9E7784

 9E878E

 9E9799

 9EA7A4

 9EB6AF

 9EC6B9

# Harmonies

## Analogous

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



8D407D



9E3859



9B3F35

# Triad

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



9E3859



446619



00699F

# Complementary

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



9E3859



389E7D

# 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.



006D85



9E3859



006C3B

# Square

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



9E3859



6A5C05



006E61



005FA6

# Rectangle

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



9E3859



904920



006E61



006B98



# Sweetspot

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



9E3859



CFA7B4



7C389E



695158



E8E8E8



696969



# Same Dimension

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



9E3859



CF3063



9E4938



4F474A



8F002E



0F0005



# Inverse Universe

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



9E3859



CF3063



388D9E



4F474A



8F002E

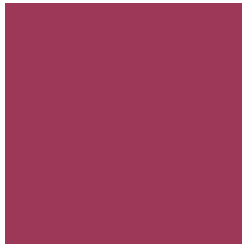


0F0005



# Previews

## White Background



This preview shows how the Hex color 9E3859 looks on a white background.

## Color Contrast Check

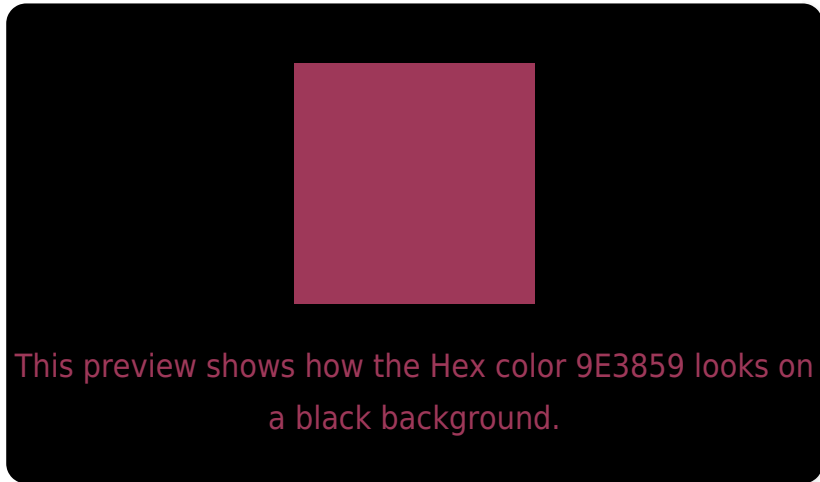
Large Text (above 18pt) WCAG AA ✓ Pass

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

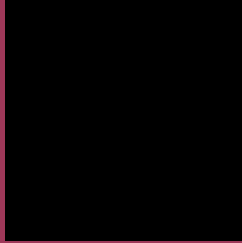
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E3859 Background



This preview shows how black text looks on a background with the Hex color 9E3859.



This preview shows how white text looks on a background with the Hex color 9E3859.

# 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



**Original Color**  
9E3859

**Protanopia**  
5A5D6E

**Deuteranopia**  
6A5A54



**Tritanopia**  
9C3D41

# Trichromacy



**Original Color**  
9E3859

**Protanomaly**  
735066

**Deuteranomaly**  
7D4E56

**Tritanomaly**  
9D3B4A

# Monochromacy



**Original Color**  
9E3859

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
734E5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E3859 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 #9E3859 looks like.

```
.text, #text, p{  
    color:#9E3859  
}
```

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 #9E3859 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E3859
}
```

## Border

The CSS property to change the border of an element to Hex 9E3859 is called "border". The border property can be set on classes, ids or directly on the HTML element.

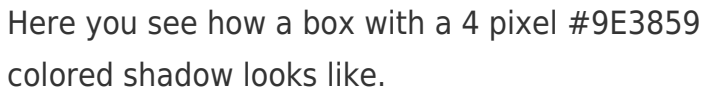
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E3859 }
```

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

```
.border{ border-color:#9E3859 }
```

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



Here you see how a box with a 4 pixel #9E3859 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E3859; -webkit-box-shadow:4px 4px  
4px 4px #9E3859; box-shadow:4px 4px 4px  
4px #9E3859 }
```

# Background

The CSS property to change the background color of an element to Hex 9E3859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E3859 }
```

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

```
.background{ background-color:#9E3859 }
```

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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