

# Converting Colors

Hex(9E3477)

Have a look what the booklet for  
Hex(9E3477) contains.

<b>Hex(9E3477)</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(9E3477)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E3477
RGB	158, 52, 119
RGB Percent	62%, 20%, 47%
CMY	0.3804, 0.7961, 0.5333
CMYK	0.00, 0.67, 0.25, 0.38
HSL	322°, 50%, 41%
HSV	322°, 67%, 62%
XYZ	18.6583, 11.0570, 18.6036
YIQ	91.3320, 41.6690, 43.3090

# Conversions

## Conversions Part 2

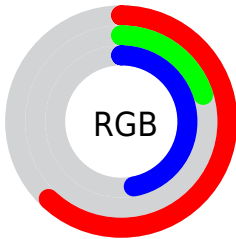
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 52, 119
Decimal	10368119
CIE <sub>Lab</sub>	39.68, 50.61, -14.99
CIE <sub>LCh</sub>	40, 52.779, 343.505
Yxy	11.0570, 0.3861, 0.2288
Android (android.graphics.Color)	4288558199 (0xFF9E3477)
YUV	91.3320, 13.6403, 58.4678
Hunter-Lab	33.2521, 41.9684, -9.8946

# Details

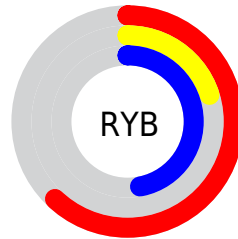
The Hex color **9E3477** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **349E5B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **D76AAB**, and **670046** is the 20% darker color. If you saturate the color by 10%, you get **9E2471**, and if you desaturate by 10%, it is **9E447D**.

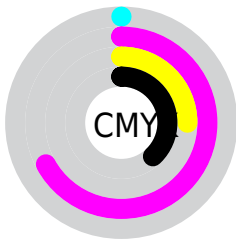
# Distribution



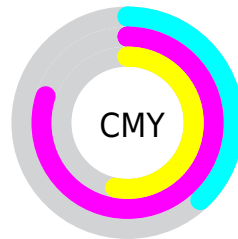
- Red (62%)
- Green (20%)
- Blue (47%)



- Red (62%)
- Yellow (20%)
- Blue (47%)



- Cyan (0%)
- Magenta (67%)
- Yellow (25%)
- Black (38%)



- Cyan (38%)
- Magenta (80%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E3477 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 9E3477 by changing the saturation by 10% instead.



 9E3477

 9E3477

FFFFFF

 82155E

 D76AAB

 670046

 F585C7

 4C0030

 FFA1E3

 35001C

 FFBDFE

 0F0000

 FFD9FF

 000000

 FFF6FF

 9E3477

 9E3477

 9E2471

 9E447D

 9E146B

 9E5483

 9E0566

 9E6388

 9E0064

 9E738E

 9E8394

 9E939A

 9EA3A0

 9EB2A6

 9EC2AB

# Harmonies

## Analogous

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



77489C



9E3477



AA2F4C

# Triad

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



9E3477



5F6200



006F98

# Complementary

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



9E3477



349E5B

# 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.



007170



9E3477



2C6B17

# Square

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



9E3477



845300



006F43



0069B0

# Rectangle

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



9E3477



A53931



006F43



00708C



# Sweetspot

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



9E3477



CFA5BF



5B349E



694F5F



E8E8E8



696969



# Same Dimension

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



9E3477



CF2791



9E3442



4F474C



8F005A



0F000A



# Inverse Universe

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



9E3477



CF2791



349E90



4F474C



8F005A



0F000A



# Previews

## White Background



This preview shows how the Hex color 9E3477 looks on a white background.

## Color Contrast Check

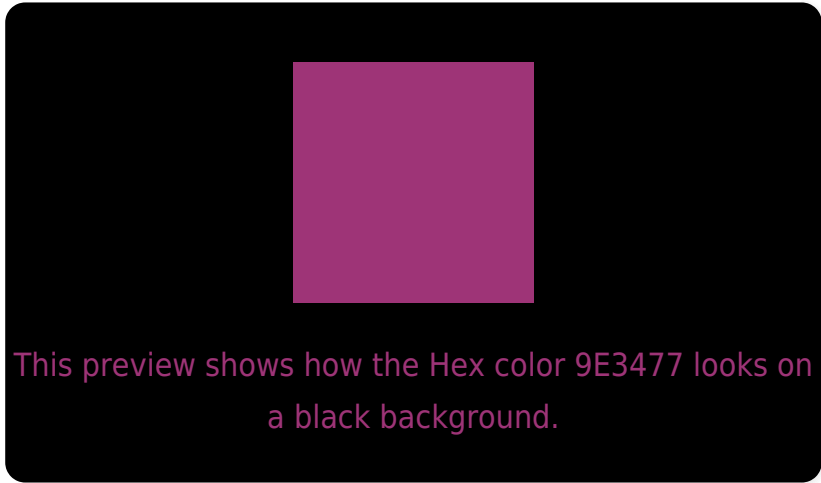
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E3477 Background



This preview shows how black text looks on a background with the Hex color 9E3477.

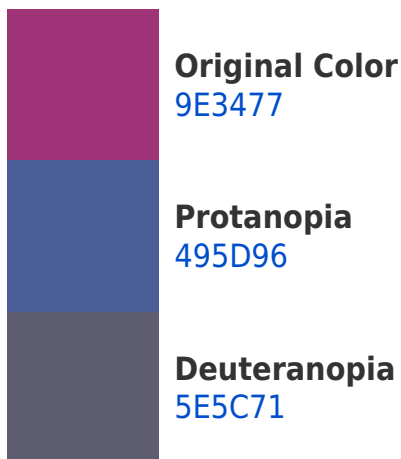


This preview shows how white text looks on a background with the Hex color 9E3477.

# 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**  
9A4145

# Trichromacy



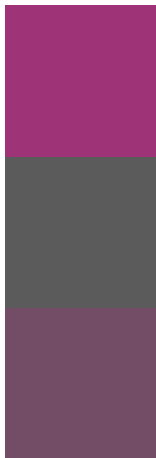
**Original Color**  
9E3477

**Protanomaly**  
684E8B

**Deuteranomaly**  
754D73

**Tritanomaly**  
9B3C57

# Monochromacy



**Original Color**  
9E3477

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
734D65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E3477 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 #9E3477 looks like.

```
.text, #text, p{  
  color:#9E3477  
}
```

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 #9E3477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E3477
}
```

## Border

The CSS property to change the border of an element to Hex 9E3477 is called "border". The border property can be set on classes, ids or directly on the HTML element.

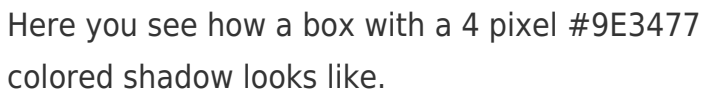
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E3477 }
```

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

```
.border{ border-color:#9E3477 }
```

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



Here you see how a box with a 4 pixel #9E3477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E3477; -webkit-box-shadow:4px 4px  
4px 4px #9E3477; box-shadow:4px 4px 4px  
4px #9E3477 }
```

# Background

The CSS property to change the background color of an element to Hex 9E3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E3477 }
```

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

```
.background{ background-color:#9E3477 }
```

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