

Converting Colors

Hex(9E234F)

Have a look what the booklet for
Hex(9E234F) contains.

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Color

Hex(9E234F)

Conversions

Conversions Part 1

Format	Color
Hex	9E234F
RGB	158, 35, 79
RGB Percent	62%, 14%, 31%
CMY	0.3804, 0.8627, 0.6902
CMYK	0.00, 0.78, 0.50, 0.38
HSL	339°, 64%, 38%
HSV	339°, 78%, 62%
XYZ	16.1129, 9.0357, 8.2920
YIQ	76.7930, 59.1840, 39.7600

Conversions

Conversions Part 2

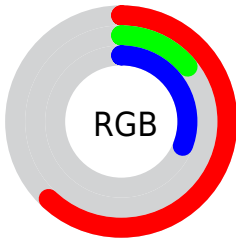
Format	Color
RYB	158, 35, 79
Decimal	10363727
CIELab	36.05, 52.36, 4.97
CIELCh	36, 52.594, 5.425
Yxy	9.0357, 0.4818, 0.2702
Android (android.graphics.Color)	4288553807 (0xFF9E234F)
YUV	76.7930, 1.0881, 71.2185
Hunter-Lab	30.0594, 43.0781, 4.6863

Details

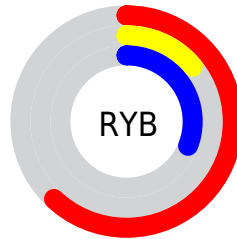
The Hex color **9E234F** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **239E72**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **D95C80**, and **650023** is the 20% darker color. If you saturate the color by 10%, you get **9E1345**, and if you desaturate by 10%, it is **9E3359**.

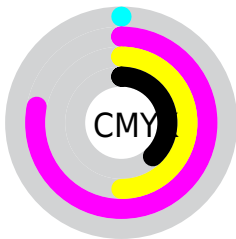
Distribution



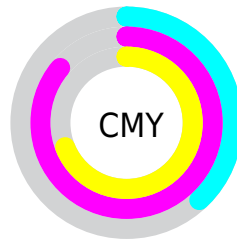
- Red (62%)
- Green (14%)
- Blue (31%)



- Red (62%)
- Yellow (14%)
- Blue (31%)



- Cyan (0%)
- Magenta (78%)
- Yellow (50%)
- Black (38%)



- Cyan (38%)
- Magenta (86%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E234F 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 9E234F by changing the saturation by 10% instead.

 9E234F

 9E234F

FFFFFF

 810038

 D95C80

 650023

 F7779A

 49000D

 FF93B4

 2F0002

 FFAFD0

 000000

 FFCBEC

 FFE8FF

 9E234F

 9E234F

 9E1345

 9E3359

 9E033B

 9E4363

 9E0039

 9E526D

 9E6278

 9E7282

 9E828C

 9E9296

 9EA1A0

 9EB1AA

Harmonies

Analogous

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



8C2F79



9E234F



993026

Triad

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



9E234F



336000



0062A2

Complementary

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



9E234F



239E72

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.



006785



9E234F



00652F

Square

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



9E234F



605600



00675C



0058AA

Rectangle

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



9E234F



8B3F0A



00675C



00649A

Sweetspot

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



9E234F



CF9FB0



71239E



694B56



E8E8E8



696969

Same Dimension

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



9E234F



CF0E53



9E3323



4F474A



8F0033



0F0005

Inverse Universe

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



9E234F



CF0E53



238E9E



4F474A



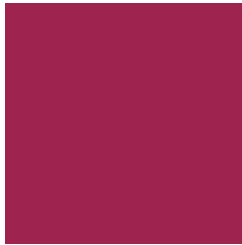
8F0033



0F0005

Previews

White Background



This preview shows how the Hex color 9E234F looks on a white background.

Color Contrast Check

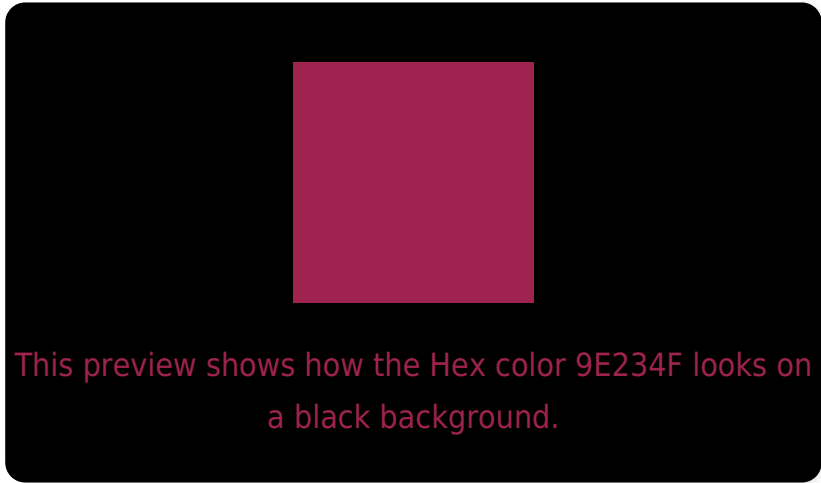
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E234F Background



This preview shows how black text looks on a background with the Hex color 9E234F.

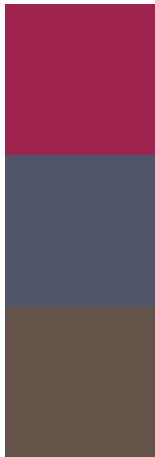


This preview shows how white text looks on a background with the Hex color 9E234F.

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
9E234F

Protanopia
51556A

Deuteranopia
635349

Trichromacy



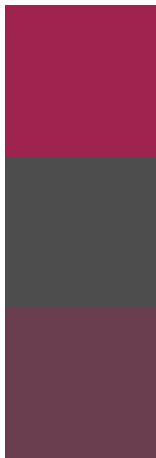
Original Color
9E234F

Protanomaly
6D4360

Deuteranomaly
78424B

Tritanomaly
9D293A

Monochromacy



Original Color
9E234F

Achromatopsia
4D4D4D

Achromatomaly
6A3E4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E234F 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 #9E234F looks like.

```
.text, #text, p{  
    color:#9E234F  
}
```

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 #9E234F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E234F
}
```

Border

The CSS property to change the border of an element to Hex 9E234F is called "border". The border property can be set on classes, ids or directly on the HTML element.

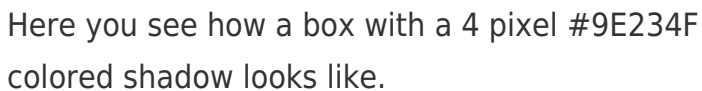
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E234F }
```

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

```
.border{ border-color:#9E234F }
```

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



Here you see how a box with a 4 pixel #9E234F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E234F; -webkit-box-shadow:4px 4px  
4px 4px #9E234F; box-shadow:4px 4px 4px  
4px #9E234F }
```

Background

The CSS property to change the background color of an element to Hex 9E234F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E234F }
```

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

```
.background{ background-color:#9E234F }
```

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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