

Converting Colors

Hex(9E033F)

Have a look what the booklet for
Hex(9E033F) contains.

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Color

Hex(9E033F)

Conversions

Conversions Part 1

Format	Color
Hex	9E033F
RGB	158, 3, 63
RGB Percent	62%, 1%, 25%
CMY	0.3804, 0.9882, 0.7529
CMYK	0.00, 0.98, 0.60, 0.38
HSL	337°, 96%, 32%
HSV	337°, 98%, 62%
XYZ	15.0303, 7.6931, 5.3954
YIQ	56.1850, 73.1200, 51.5200

Conversions

Conversions Part 2

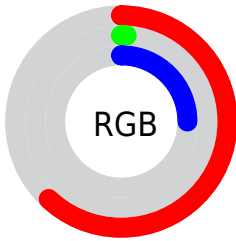
Format	Color
RYB	158, 3, 63
Decimal	10355519
CIELab	33.34, 57.73, 11.60
CIElCh	33, 58.885, 11.362
Yxy	7.6931, 0.5345, 0.2736
Android (android.graphics.Color)	4288545599 (0xFF9E033F)
YUV	56.1850, 3.3598, 89.2918
Hunter-Lab	27.7365, 48.1899, 7.8823

Details

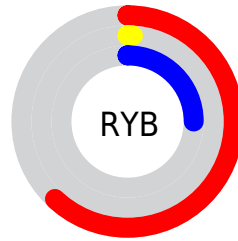
The Hex color **9E033F** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **039E62**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **DA4D6E**, and **630016** is the 20% darker color. If you saturate the color by 10%, you get **9E003D**, and if you desaturate by 10%, it is **9E1349**.

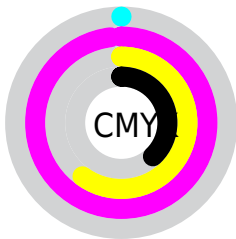
Distribution



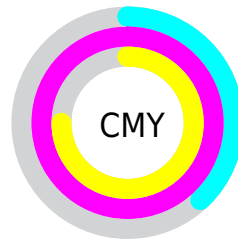
- Red (62%)
- Green (1%)
- Blue (25%)



- Red (62%)
- Yellow (1%)
- Blue (25%)



- Cyan (0%)
- Magenta (98%)
- Yellow (60%)
- Black (38%)



- Cyan (38%)
- Magenta (99%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E033F 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 9E033F by changing the saturation by 10% instead.

 9E033F

 9E033F

FFFFFF

 800029

 DA4D6E

 630016

 F96987

 470001

 FF85A2

 2A0001

 FFA1BD

 000000

 FFBDD8

 FFDAF5

 FFF8FF

 9E033F

 9E033F

■ 9E003D

■ 9E1349

■ 9E2352

■ 9E325C

■ 9E4266

■ 9E526F

■ 9E6279

■ 9E7283

■ 9E818C

■ 9E9196

Harmonies

Analogous

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



91166D



9E033F



932711

Triad

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



9E033F



135C00



005CA8

Complementary

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



9E033F



039E62

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.



00618C



9E033F



00602E

Square

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



9E033F



515200



006260



004FAB

Rectangle

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



9E033F



823900



006260



005EA1

Sweetspot

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



9E033F



CF93AA



60039E



694452



E8E8E8



696969

Same Dimension

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



9E033F



CF0050



9E1203



4F474A



8F0037



0F0006

Inverse Universe

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



9E033F



CF0050



038E9E



4F474A



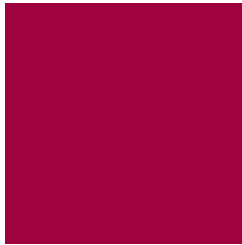
8F0037



0F0006

Previews

White Background



This preview shows how the Hex color 9E033F looks on a white background.

Color Contrast Check

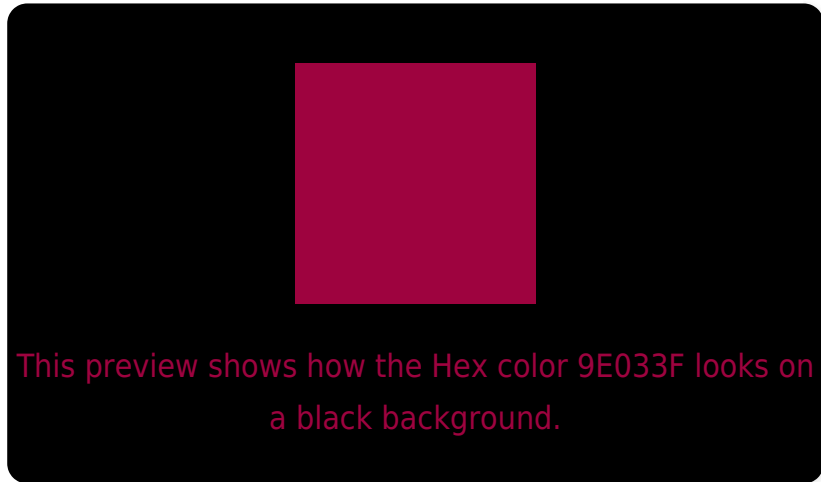
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E033F Background



This preview shows how black text looks on a background with the Hex color 9E033F.



This preview shows how white text looks on a background with the Hex color 9E033F.

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
9E033F

Protanopia
50515C

Deuteranopia
614E38



Tritanopia
9D1918

Trichromacy



Original Color
9E033F

Protanomaly
6C3551

Deuteranomaly
77333B

Tritanomaly
9D1126

Monochromacy



Original Color
9E033F

Achromatopsia
383838

Achromatomaly
5D253B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E033F 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 #9E033F looks like.

```
.text, #text, p{  
    color:#9E033F  
}
```

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 #9E033F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E033F
}
```

Border

The CSS property to change the border of an element to Hex 9E033F is called "border". The border property can be set on classes, ids or directly on the HTML element.

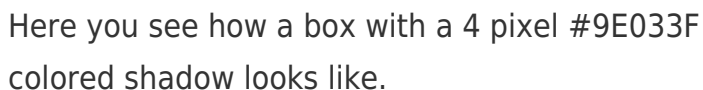
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E033F }
```

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

```
.border{ border-color:#9E033F }
```

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



Here you see how a box with a 4 pixel #9E033F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E033F; -webkit-box-shadow:4px 4px  
4px 4px #9E033F; box-shadow:4px 4px 4px  
4px #9E033F }
```

Background

The CSS property to change the background color of an element to Hex 9E033F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E033F }
```

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

```
.background{ background-color:#9E033F }
```

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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