

Converting Colors

Hex(9E003A)

Have a look what the booklet for
Hex(9E003A) contains.

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Color

Hex(9E003A)

Conversions

Conversions Part 1

Format	Color
Hex	9E003A
RGB	158, 0, 58
RGB Percent	62%, 0%, 23%
CMY	0.3804, 1.0000, 0.7725
CMYK	0.00, 1.00, 0.63, 0.38
HSL	338°, 100%, 31%
HSV	338°, 100%, 62%
XYZ	14.8643, 7.5746, 4.6816
YIQ	53.8540, 75.5500, 51.5340

Conversions

Conversions Part 2

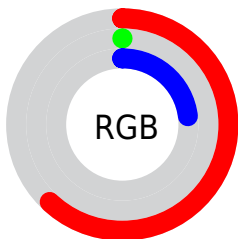
Format	Color
R_{YB}	158, 0, 58
Decimal	10354746
CIE _{Lab}	33.08, 57.83, 14.56
CIE _{LCh}	33, 59.633, 14.128
Yxy	7.5746, 0.5481, 0.2793
Android (android.graphics.Color)	4288544826 (0xFF9E003A)
YUV	53.8540, 2.0440, 91.3360
Hunter-Lab	27.5220, 48.2422, 9.1799

Details

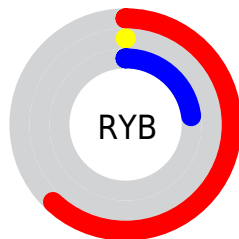
The Hex color **9E003A** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **009E64**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **DB4C69**, and **630010** is the 20% darker color. If you saturate the color by 10%, you get **9E003A**, and if you desaturate by 10%, it is **9E1044**.

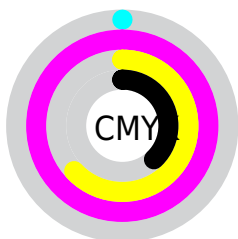
Distribution



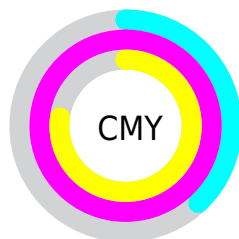
- Red (62%)
- Green (0%)
- Blue (23%)



- Red (62%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (63%)
- Black (38%)



- Cyan (38%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E003A 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 9E003A by changing the saturation by 10% instead.

 9E003A

 9E003A

FFFFFF

 800025

 DB4C69

 630010

 FA6882

 470002

 FF849C

 290001

 FFA0B6

 000000

 FFBCD2

 FFD9EE

 FFF7FF

 9E003A

 9E1044

 9E204E

 9E2F58

 9E3F62

 9E4F6C

 9E5F76

 9E6F80

 9E7E8A

 9E8E94

Harmonies

Analogous

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



930F69



9E003A



91280A

Triad

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



9E003A



005C00



005AAA

Complementary

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



9E003A



009E64

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.



00608F



9E003A



006032

Square

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



9E003A



4C5300



006164



004DAB

Rectangle

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



9E003A



7F3B00



006164



005DA3

Sweetspot

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



9E003A



CF91A7



61009E



694351



E8E8E8



696969

Same Dimension

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



9E003A



CF004C



9E1200



4F474A



8F0034



0F0006

Inverse Universe

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



9E003A



CF004C



008C9E



4F474A



8F0034



0F0006

Previews

White Background



This preview shows how the Hex color 9E003A looks on a white background.

Color Contrast Check

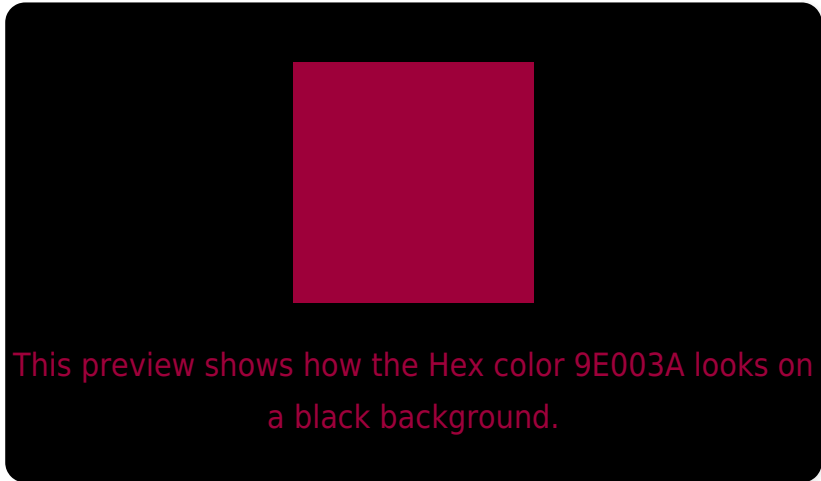
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E003A Background



This preview shows how black text looks on a background with the Hex color 9E003A.



This preview shows how white text looks on a background with the Hex color 9E003A.

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
9E003A

Protanopia
515055

Deuteranopia
624D33



Tritanopia
9D1715

Trichromacy



Original Color
9E003A

Protanomaly
6D334B

Deuteranomaly
783136

Tritanomaly
9D0F22

Monochromacy



Original Color
9E003A

Achromatopsia
363636

Achromatomaly
5C2237

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E003A 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 #9E003A looks like.

```
.text, #text, p{  
    color:#9E003A  
}
```

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 #9E003A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E003A
}
```

Border

The CSS property to change the border of an element to Hex 9E003A 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
#9E003A }
```

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

```
.border{ border-color:#9E003A }
```

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

Here you see how a box with a 4 pixel #9E003A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E003A; -webkit-box-shadow:4px 4px  
4px 4px #9E003A; box-shadow:4px 4px 4px  
4px #9E003A }
```

Background

The CSS property to change the background color of an element to Hex 9E003A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E003A }
```

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

```
.background{ background-color:#9E003A }
```

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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