

Converting Colors

Hex(9E0013)

Have a look what the booklet for
Hex(9E0013) contains.

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Color

Hex(9E0013)

Conversions

Conversions Part 1

Format	Color
Hex	9E0013
RGB	158, 0, 19
RGB Percent	62%, 0%, 7%
CMY	0.3804, 1.0000, 0.9255
CMYK	0.00, 1.00, 0.88, 0.38
HSL	353°, 100%, 31%
HSV	353°, 100%, 62%
XYZ	14.2181, 7.3161, 1.2789
YIQ	49.4080, 88.0690, 39.4050

Conversions

Conversions Part 2

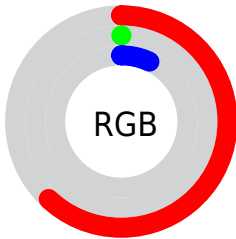
Format	Color
RYB	158, 0, 19
Decimal	10354707
CIELab	32.52, 56.30, 38.19
CIELCh	33, 68.030, 34.147
Yxy	7.3161, 0.6232, 0.3207
Android (android.graphics.Color)	4288544787 (0xFF9E0013)
YUV	49.4080, -14.9911, 95.2352
Hunter-Lab	27.0483, 46.4949, 16.1305

Details

The Hex color **9E0013** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **009E8B**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **DD4A3F**, and **610000** is the 20% darker color. If you saturate the color by 10%, you get **9E0013**, and if you desaturate by 10%, it is **9E1021**.

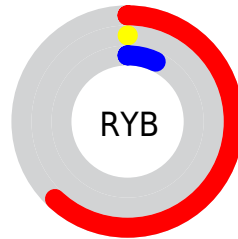
Distribution



Red (62%)

Green (0%)

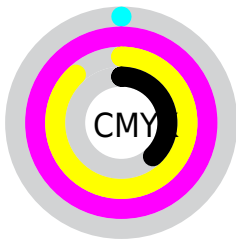
Blue (7%)



Red (62%)

Yellow (0%)

Blue (7%)

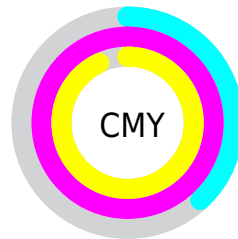


Cyan (0%)

Magenta (100%)

Yellow (88%)

Black (38%)



Cyan (38%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E0013 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 9E0013 by changing the saturation by 10% instead.

 9E0013

 9E0013

 FFFFF7

 800000

 DD4A3F

 610000

 FC6657

 440002

 FF826F

 260001

 FF9E89

 000000

 FFBBA4

 FFD7BF

 FFF5DB

 9E0013

 9E1021

 9E202F

 9E2F3D

 9E3F4B

 9E4F58

 9E5F66

 9E6F74

 9E7E82

 9E8E90

Harmonies

Analogous

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



A50048



9E0013



823600

Triad

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



9E0013



005F18



0052BA

Complementary

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



9E0013



009E8B

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.



005EAE



9E0013



006153

Square

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



9E0013



1A5900



006288



4D39A7

Rectangle

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



9E0013



674700



006288



0057B9

Sweetspot

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



9E0013



CF9198



89009E



694347



E8E8E8



696969

Same Dimension

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



9E0013



CF0019



9E3A00



4F4748



8F0011



0F0002

Inverse Universe

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



9E0013



CF0019



00649E



4F4748



8F0011



0F0002

Previews

White Background



This preview shows how the Hex color 9E0013 looks on a white background.

Color Contrast Check

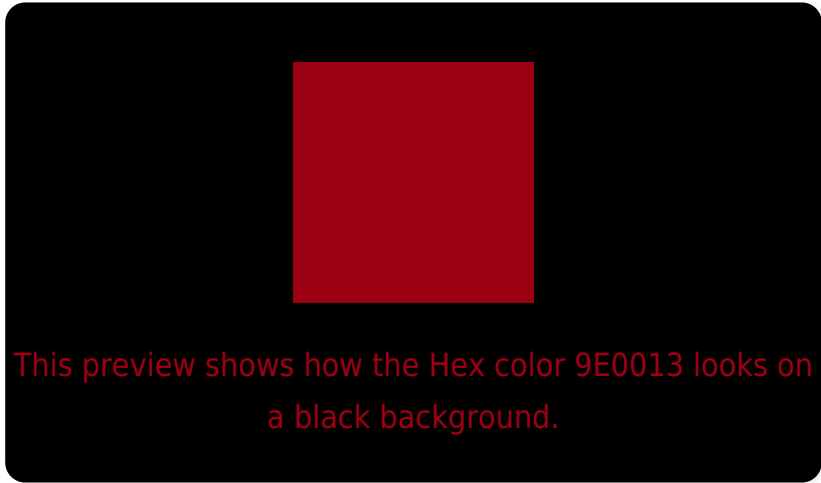
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E0013 Background



This preview shows how black text looks on a background with the Hex color 9E0013.



This preview shows how white text looks on a background with the Hex color 9E0013.

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
9E0013

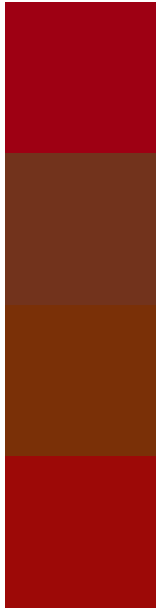
Protanopia
595021

Deuteranopia
654C00



Tritanopia
9D0E00

Trichromacy



Original Color
9E0013

Protanomaly
72331C

Deuteranomaly
7A3007

Tritanomaly
9D0907

Monochromacy



Original Color
9E0013

Achromatopsia
313131

Achromatomaly
591F26

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E0013 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 #9E0013 looks like.

```
.text, #text, p{  
    color:#9E0013  
}
```

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 #9E0013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E0013
}
```

Border

The CSS property to change the border of an element to Hex 9E0013 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".

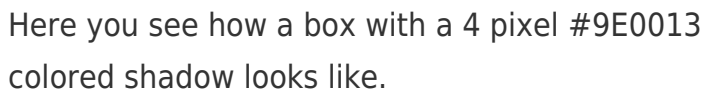
```
.border, #border, table{ border:4px solid
#9E0013 }
```

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

```
.border{ border-color:#9E0013 }
```

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

Here you see how a box with a 4 pixel #9E0013 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E0013; -webkit-box-shadow:4px 4px  
4px 4px #9E0013; box-shadow:4px 4px 4px  
4px #9E0013 }
```

Background

The CSS property to change the background color of an element to Hex 9E0013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E0013 }
```

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

```
.background{ background-color:#9E0013 }
```

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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