

# Converting Colors

Hex(9E0A25)

Have a look what the booklet for  
Hex(9E0A25) contains.

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# Color

**Hex(9E0A25)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E0A25
RGB	158, 10, 37
RGB Percent	62%, 4%, 15%
CMY	0.3804, 0.9608, 0.8549
CMYK	0.00, 0.94, 0.77, 0.38
HSL	349°, 88%, 33%
HSV	349°, 94%, 62%
XYZ	14.5430, 7.6198, 2.4545
YIQ	57.3300, 79.5410, 39.7730

# Conversions

## Conversions Part 2

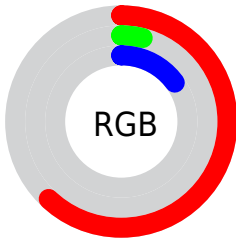
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 10, 37
Decimal	10357285
CIE <sub>Lab</sub>	33.18, 55.45, 28.29
CIE <sub>LCh</sub>	33, 62.255, 27.030
Yxy	7.6198, 0.5908, 0.3095
Android (android.graphics.Color)	4288547365 (0xFF9E0A25)
YUV	57.3300, -10.0227, 88.2876
Hunter-Lab	27.6039, 45.7353, 14.0507

# Details

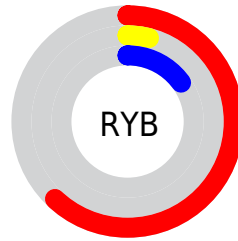
The Hex color **9E0A25** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0A9E83**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **DC4E52**, and **620000** is the 20% darker color. If you saturate the color by 10%, you get **9E001D**, and if you desaturate by 10%, it is **9E1A32**.

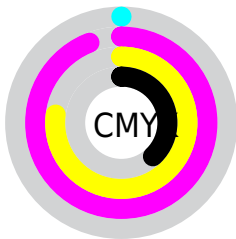
# Distribution



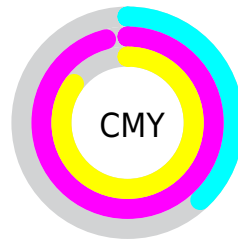
- Red (62%)
- Green (4%)
- Blue (15%)



- Red (62%)
- Yellow (4%)
- Blue (15%)



- Cyan (0%)
- Magenta (94%)
- Yellow (77%)
- Black (38%)



- Cyan (38%)
- Magenta (96%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E0A25 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 9E0A25 by changing the saturation by 10% instead.



 9E0A25

 9E0A25

FFFFFF

 800011

 DC4E52

 620000

 FB6A6A

 450001

 FF8683

 270001

 FFA29D

 000000

 FFBEB8

 FFDBD4

 FFF8F0

 9E0A25

 9E0A25

■ 9E001D

■ 9E1A32

■ 9E2A3F

■ 9E394C

■ 9E4959

■ 9E5966

■ 9E6973

■ 9E797F

■ 9E888C

■ 9E9899

# Harmonies

## Analogous

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



9E0055



9E0A25



883300

# Triad

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



9E0A25



005F10



0056B2

# Complementary

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



9E0A25



0A9E83

# 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.



0060A1



9E0A25



006248

# Square

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



9E0A25



345800



00627A



3643A7

# Rectangle

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



9E0A25



724400



00627A



005AAF



# Sweetspot

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



9E0A25



CF959F



830A9E



69454B



E8E8E8



696969



# Same Dimension

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



9E0A25



CF0026



9E390A



4F4749



8F001A



0F0003



# Inverse Universe

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



9E0A25



CF0026



0A6F9E



4F4749



8F001A

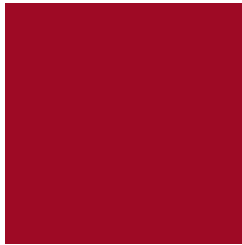


0F0003



# Previews

## White Background



This preview shows how the Hex color 9E0A25 looks on a white background.

## Color Contrast Check

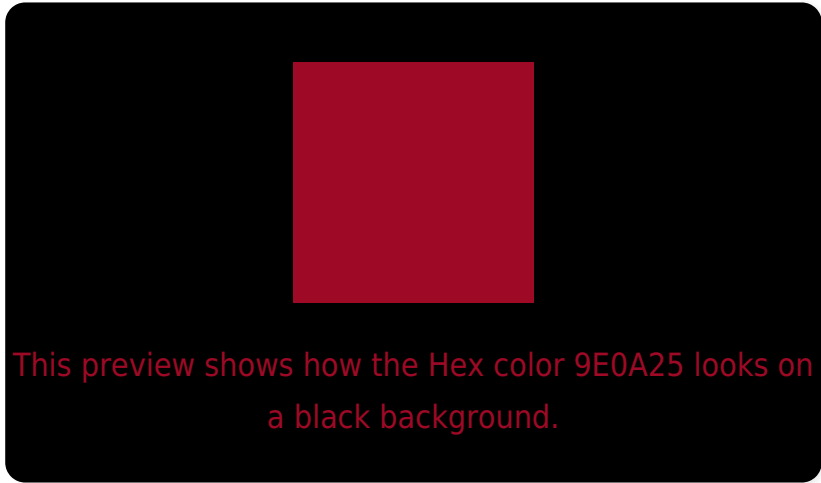
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E0A25 Background



This preview shows how black text looks on a background with the Hex color 9E0A25.

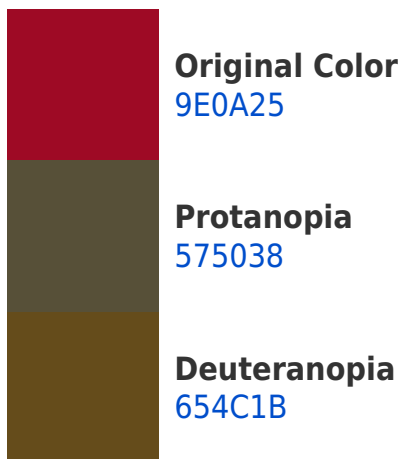


This preview shows how white text looks on a background with the Hex color 9E0A25.

# 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**  
9E120D

# Trichromacy



**Original Color**  
9E0A25

**Protanomaly**  
713731

**Deuteranomaly**  
7A341F

**Tritanomaly**  
9E0F16

# Monochromacy



**Original Color**  
9E0A25

**Achromatopsia**  
393939

**Achromatomaly**  
5E2832

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E0A25 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 #9E0A25 looks like.

```
.text, #text, p{  
    color:#9E0A25  
}
```

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 #9E0A25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E0A25  
}
```

## Border

The CSS property to change the border of an element to Hex 9E0A25 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  
#9E0A25 }
```

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

```
.border{ border-color:#9E0A25 }
```

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

Here you see how a box with a 4 pixel #9E0A25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E0A25; -webkit-box-shadow:4px 4px  
4px 4px #9E0A25; box-shadow:4px 4px 4px  
4px #9E0A25 }
```

# Background

The CSS property to change the background color of an element to Hex 9E0A25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E0A25 }
```

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

```
.background{ background-color:#9E0A25 }
```

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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