

# Converting Colors

Hex(9E243B)

Have a look what the booklet for  
Hex(9E243B) contains.

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# Color

**Hex(9E243B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E243B
RGB	158, 36, 59
RGB Percent	62%, 14%, 23%
CMY	0.3804, 0.8588, 0.7686
CMYK	0.00, 0.77, 0.63, 0.38
HSL	349°, 63%, 38%
HSV	349°, 77%, 62%
XYZ	15.5208, 8.8466, 5.0272
YIQ	75.1000, 65.3290, 33.0170

# Conversions

## Conversions Part 2

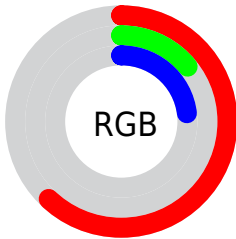
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 36, 59
Decimal	10363963
CIE <sub>Lab</sub>	35.69, 50.50, 17.37
CIE <sub>LCh</sub>	36, 53.406, 18.977
Yxy	8.8466, 0.5280, 0.3010
Android (android.graphics.Color)	4288554043 (0xFF9E243B)
YUV	75.1000, -7.9373, 72.7033
Hunter-Lab	29.7433, 41.0954, 10.7991

# Details

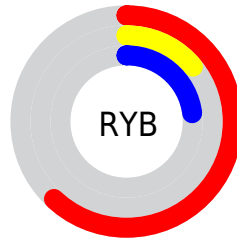
The Hex color **9E243B** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **249E87**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **DA5C6A**, and **640011** is the 20% darker color. If you saturate the color by 10%, you get **9E142E**, and if you desaturate by 10%, it is **9E3448**.

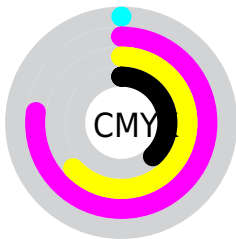
# Distribution



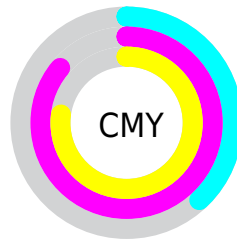
- Red (62%)
- Green (14%)
- Blue (23%)



- Red (62%)
- Yellow (14%)
- Blue (23%)



- Cyan (0%)
- Magenta (77%)
- Yellow (63%)
- Black (38%)



- Cyan (38%)
- Magenta (86%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E243B 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 9E243B by changing the saturation by 10% instead.



 9E243B

 9E243B

FFFFFF

 810026

 DA5C6A

 640011

 F97783

 470000

 FF939D

 2C0001

 FFAEB8

 000000

 FFCBD4

 FFE8F0

 9E243B

 9E243B

 9E142E

 9E3448

 9E0421

 9E4455

 9E001E

 9E5361

 9E636E

 9E737B

 9E8388

 9E9395

 9EA2A2

 9EB2AE

# Harmonies

## Analogous

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



972466



9E243B



903912

# Triad

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



9E243B



0A6215



005EA8

# Complementary

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



9E243B



249E87

# 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.



006594



9E243B



006642

# Square

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



9E243B



4D5A00



00676F



2750A6

# Rectangle

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



9E243B



7E4600



00676F



0061A4



# Sweetspot

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



9E243B



CF9FA8



86249E



694B51



E8E8E8



696969



# Same Dimension

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



9E243B



CF0E33



9E4924



4F4749



8F001B



0F0003



# Inverse Universe

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



9E243B



CF0E33



24799E



4F4749



8F001B



0F0003



# Previews

## White Background



This preview shows how the Hex color 9E243B looks on a white background.

## Color Contrast Check

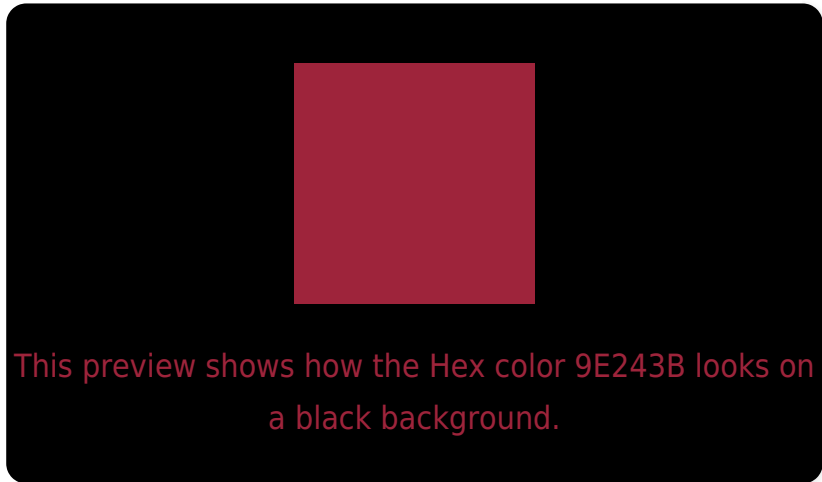
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E243B Background



This preview shows how black text looks on a background with the Hex color 9E243B.



This preview shows how white text looks on a background with the Hex color 9E243B.

# 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**  
9E243B

**Protanopia**  
585550

**Deuteranopia**  
675135



**Tritanopia**  
9D2829

# Trichromacy



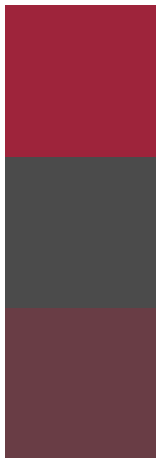
**Original Color**  
9E243B

**Protanomaly**  
714348

**Deuteranomaly**  
7B4137

**Tritanomaly**  
9D2730

# Monochromacy



**Original Color**  
9E243B

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
693D45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E243B 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 #9E243B looks like.

```
.text, #text, p{  
    color:#9E243B  
}
```

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 #9E243B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E243B
}
```

## Border

The CSS property to change the border of an element to Hex 9E243B is called "border". The border property can be set on classes, ids or directly on the HTML element.

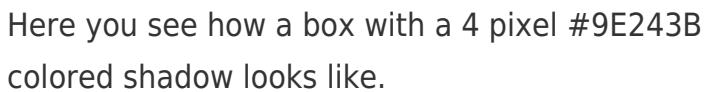
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E243B }
```

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

```
.border{ border-color:#9E243B }
```

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



Here you see how a box with a 4 pixel #9E243B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E243B; -webkit-box-shadow:4px 4px  
4px 4px #9E243B; box-shadow:4px 4px 4px  
4px #9E243B }
```

# Background

The CSS property to change the background color of an element to Hex 9E243B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E243B }
```

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

```
.background{ background-color:#9E243B }
```

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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