

# Converting Colors

Hex(9E151A)

Have a look what the booklet for  
Hex(9E151A) contains.

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# Color

**Hex(9E151A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E151A
RGB	158, 21, 26
RGB Percent	62%, 8%, 10%
CMY	0.3804, 0.9176, 0.8980
CMYK	0.00, 0.87, 0.84, 0.38
HSL	358°, 77%, 35%
HSV	358°, 87%, 62%
XYZ	14.5552, 7.8800, 1.7311
YIQ	62.5330, 80.0470, 30.5990

# Conversions

## Conversions Part 2

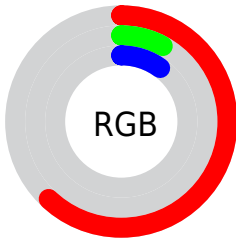
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 21, 26
Decimal	10360090
CIE <sub>Lab</sub>	33.73, 53.14, 35.45
CIE <sub>LCh</sub>	34, 63.884, 33.709
Yxy	7.8800, 0.6023, 0.3261
Android (android.graphics.Color)	4288550170 (0xFF9E151A)
YUV	62.5330, -18.0108, 83.7246
Hunter-Lab	28.0714, 43.4284, 15.9936

# Details

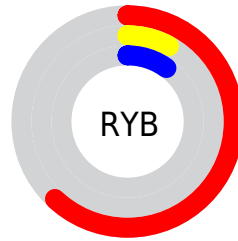
The Hex color **9E151A** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **159E99**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **DC5246**, and **620000** is the 20% darker color. If you saturate the color by 10%, you get **9E050B**, and if you desaturate by 10%, it is **9E2529**.

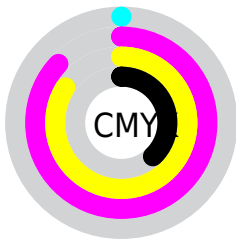
# Distribution



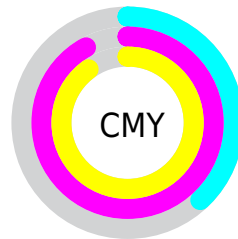
- Red (62%)
- Green (8%)
- Blue (10%)



- Red (62%)
- Yellow (8%)
- Blue (10%)



- Cyan (0%)
- Magenta (87%)
- Yellow (84%)
- Black (38%)



- Cyan (38%)
- Magenta (92%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E151A 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 9E151A by changing the saturation by 10% instead.



 9E151A

 9E151A

FFFFFF

 800002

 DC5246

 620000

 FB6E5E

 450001

 FF8977

 270001

 FFA591

 000000

 FFC1AC

 FFDEC7

 FFFCE3

 9E151A

 9E151A

 9E050B

 9E2529

 9E0006

 9E3538

 9E4448

 9E5457

 9E6466

 9E7475

 9E8485

 9E9394

 9EA3A3

# Harmonies

## Analogous

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



A4004B



9E151A



843A00

# Triad

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



9E151A



00611E



0055B6

# Complementary

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



9E151A



159E99

# 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.



0060AB



9E151A



006455

# Square

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



9E151A



255B00



006487



503EA5

# Rectangle

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



9E151A



6B4A00



006487



0059B6



# Sweetspot

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



9E151A



CF999B



97159E



694849



E8E8E8



696969



# Same Dimension

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



9E151A



CF0008



9E5315



4F4747



8F0005



0F0001



# Inverse Universe

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



9E151A



CF0008



15609E



4F4747



8F0005



0F0001



# Previews

## White Background



This preview shows how the Hex color 9E151A 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 9E151A Background



This preview shows how black text looks on a background with the Hex color 9E151A.



This preview shows how white text looks on a background with the Hex color 9E151A.

# 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**  
9E151A

**Protanopia**  
5A5128

**Deuteranopia**  
674D09

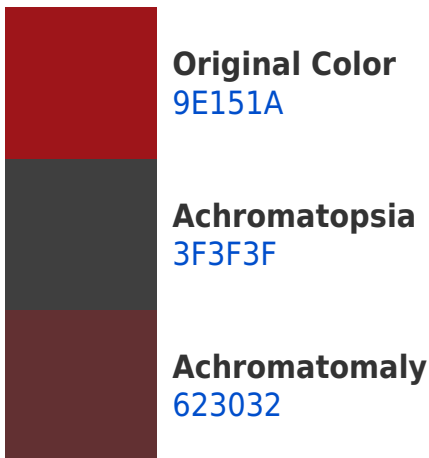


**Tritanopia**  
9E1613

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E151A 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 #9E151A looks like.

```
.text, #text, p{  
    color:#9E151A  
}
```

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 #9E151A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E151A
}
```

## Border

The CSS property to change the border of an element to Hex 9E151A 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".

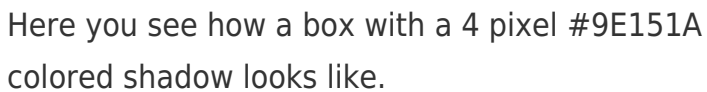
```
.border, #border, table{ border:4px solid
#9E151A }
```

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

```
.border{ border-color:#9E151A }
```

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

Here you see how a box with a 4 pixel #9E151A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E151A; -webkit-box-shadow:4px 4px  
4px 4px #9E151A; box-shadow:4px 4px 4px  
4px #9E151A }
```

# Background

The CSS property to change the background color of an element to Hex 9E151A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E151A }
```

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

```
.background{ background-color:#9E151A }
```

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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