

# Converting Colors

Hex(9E1D0D)

Have a look what the booklet for  
Hex(9E1D0D) contains.

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# Color

Hex(9E1D0D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E1D0D
RGB	158, 29, 13
RGB Percent	62%, 11%, 5%
CMY	0.3804, 0.8863, 0.9490
CMYK	0.00, 0.82, 0.92, 0.38
HSL	7°, 85%, 34%
HSV	7°, 92%, 62%
XYZ	14.6126, 8.1769, 1.1889
YIQ	65.7470, 82.0200, 22.3720

# Conversions

## Conversions Part 2

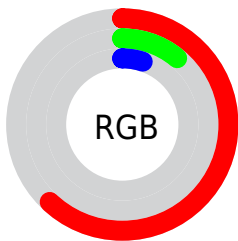
Format	Color
<b>RYB</b>	158, 31, 13
Decimal	10362125
CIELab	34.35, 50.83, 42.44
CIElCh	34, 66.220, 39.856
Yxy	8.1769, 0.6094, 0.3410
Android (android.graphics.Color)	4288552205 (0xFF9E1D0D)
YUV	65.7470, -26.0043, 80.9059
Hunter-Lab	28.5953, 41.1742, 17.5516

# Details

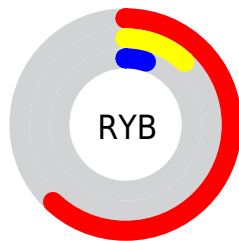
The Hex color **9E1D0D** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0D8E9E**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **DC563B**, and **610000** is the 20% darker color. If you saturate the color by 10%, you get **9E1100**, and if you desaturate by 10%, it is **9E2B1D**.

# Distribution



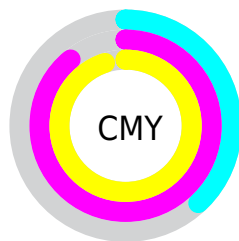
- Red (62%)
- Green (11%)
- Blue (5%)



- Red (62%)
- Yellow (12%)
- Blue (5%)



- Cyan (0%)
- Magenta (82%)
- Yellow (92%)
- Black (38%)



- Cyan (38%)
- Magenta (89%)
- Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E1D0D 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 9E1D0D by changing the saturation by 10% instead.



 9E1D0D

 9E1D0D

 FFFFF4

 800000

 DC563B

 610000

 FC7253

 440000

 FF8D6C

 280001

 FFA985

 000000

 FFC5A0

 FFE2BB

 FFFFD7

 9E1D0D

 9E1D0D

 9E1100

 9E2B1D

 9E392D

 9E473C

 9E554C

 9E635C

 9E716C

 9E7F7C

 9E8D8B

 9E9C9B

# Harmonies

## Analogous

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



A90042



9E1D0D



804000

# Triad

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



9E1D0D



006429



0053BB

# Complementary

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



9E1D0D



0D8E9E

# 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.



0060B5



9E1D0D



006661

# Square

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



9E1D0D



085F00



006694



6438A3

# Rectangle

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



9E1D0D



644F00



006694



0058BC



# Sweetspot

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



9E1D0D



CF9B95



9E0D90



694945



E8E8E8



696969



# Same Dimension

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



9E1D0D



CF1700



9E640D



4F4847



8F1000



0F0200



# Inverse Universe

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



0D8E9E



00B8CF



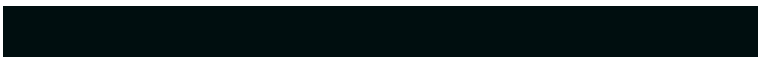
0D479E



474E4F



007F8F



000E0F



# Previews

## White Background



This preview shows how the Hex color 9E1D0D looks on a white background.

## Color Contrast Check

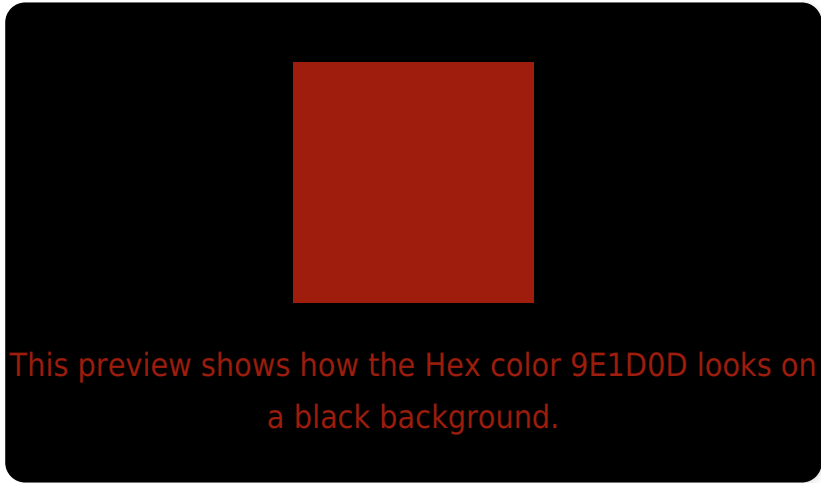
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E1D0D Background



This preview shows how black text looks on a background with the Hex color 9E1D0D.



This preview shows how white text looks on a background with the Hex color 9E1D0D.

# 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**  
9E1D0D

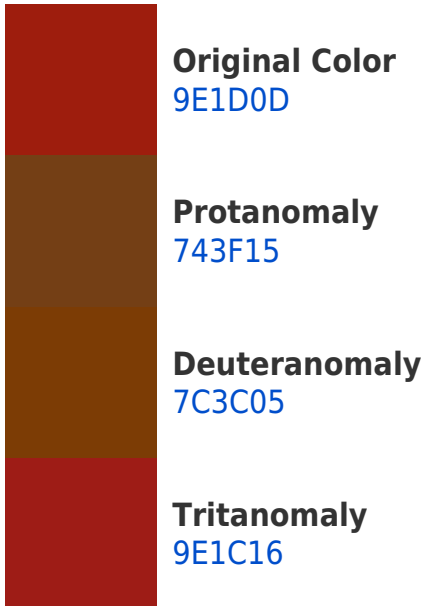
**Protanopia**  
5C5319

**Deuteranopia**  
684E00

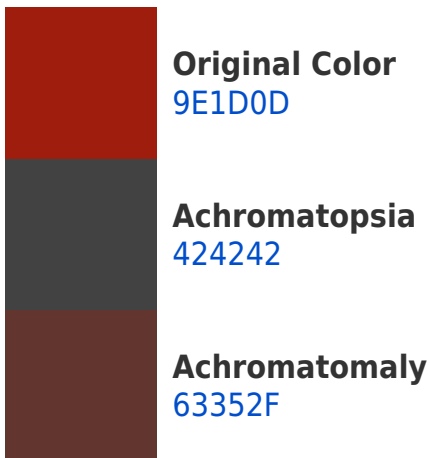


**Tritanopia**  
9E1C1B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E1D0D 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 #9E1D0D looks like.

```
.text, #text, p{  
    color:#9E1D0D  
}
```

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 #9E1D0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E1D0D  
}
```

## Border

The CSS property to change the border of an element to Hex 9E1D0D 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".

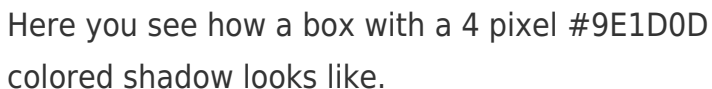
```
.border, #border, table{ border:4px solid  
#9E1D0D }
```

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

```
.border{ border-color:#9E1D0D }
```

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

Here you see how a box with a 4 pixel #9E1D0D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E1D0D; -webkit-box-shadow:4px 4px  
4px 4px #9E1D0D; box-shadow:4px 4px 4px  
4px #9E1D0D }
```

# Background

The CSS property to change the background color of an element to Hex 9E1D0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E1D0D }
```

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

```
.background{ background-color:#9E1D0D }
```

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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