

Converting Colors

Hex(9D311E)

Have a look what the booklet for
Hex(9D311E) contains.

| | |
|--|----|
| Hex(9D311E) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(9D311E)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9D311E |
| RGB | 157, 49, 30 |
| RGB Percent | 62%, 19%, 12% |
| CMY | 0.3843, 0.8078, 0.8824 |
| CMYK | 0.00, 0.69, 0.81, 0.38 |
| HSL | 9°, 68%, 37% |
| HSV | 9°, 81%, 62% |
| XYZ | 15.2373, 9.4585, 2.2509 |
| YIQ | 79.1260, 70.4670, 16.9870 |

Conversions

Conversions Part 2

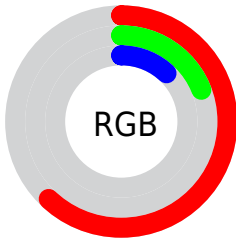
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 157, 52, 30 |
| Decimal | 10301726 |
| CIE _{Lab} | 36.85, 43.81, 36.23 |
| CIE _{LCh} | 37, 56.851, 39.596 |
| Yxy | 9.4585, 0.5655, 0.3510 |
| Android (android.graphics.Color) | 4288491806 (0xFF9D311E) |
| YUV | 79.1260, -24.2191, 68.2955 |
| Hunter-Lab | 30.7546, 34.6167, 17.1889 |

Details

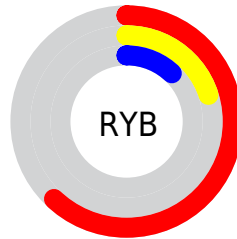
The Hex color **9D311E** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1E8A9D**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **DA654C**, and **620000** is the 20% darker color. If you saturate the color by 10%, you get **9D240E**, and if you desaturate by 10%, it is **9D3E2E**.

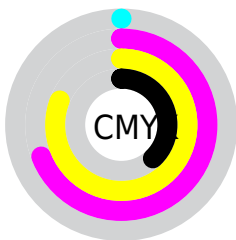
Distribution



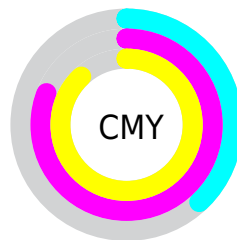
- Red (62%)
- Green (19%)
- Blue (12%)



- Red (62%)
- Yellow (20%)
- Blue (12%)



- Cyan (0%)
- Magenta (69%)
- Yellow (81%)
- Black (38%)



- Cyan (38%)
- Magenta (81%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D311E 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 9D311E by changing the saturation by 10% instead.

 9D311E

 9D311E

FFFFFF

 7F1407

 DA654C

 620000

 F98064

 450000

 FF9B7D

 2B0001

 FFB797

 000000

 FFD3B2

 FFF0CE

 FFFFEA

 9D311E

 9D311E

 9D240E

 9D3E2E

 9D1700

 9D4C3D

 9D594D

 9D665D

 9D746D

 9D817C

 9D8E8C

 9D9C9C

 9DA9AB

Harmonies

Analogous

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



A61D4A



9D311E



834900

Triad

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



9D311E



006935



0058B2

Complementary

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



9D311E



1E8A9D

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.



0064AD



9D311E



006B65

Square

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



9D311E



276400



006A90



69439E

Rectangle

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



9D311E



6A5500



006A90



005DB3

Sweetspot

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



9D311E



CCA29B



9D1E8C



664D48



E6E6E6



666666

Same Dimension

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



9D311E



CC2406



9D6E1E



4F4847



8F1500



0F0200

Inverse Universe

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



1E8A9D



06AECC



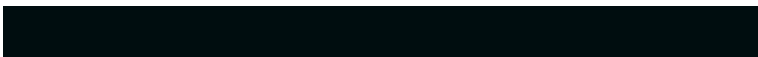
1E4D9D



474E4F



00798F



000D0F

Previews

White Background



This preview shows how the Hex color 9D311E looks on a white background.

Color Contrast Check

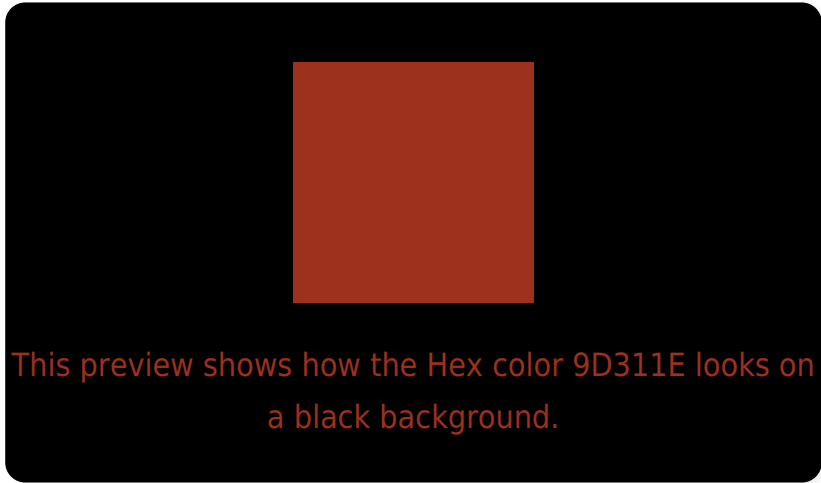
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D311E Background



This preview shows how black text looks on a background with the Hex color 9D311E.



This preview shows how white text looks on a background with the Hex color 9D311E.

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
9D311E

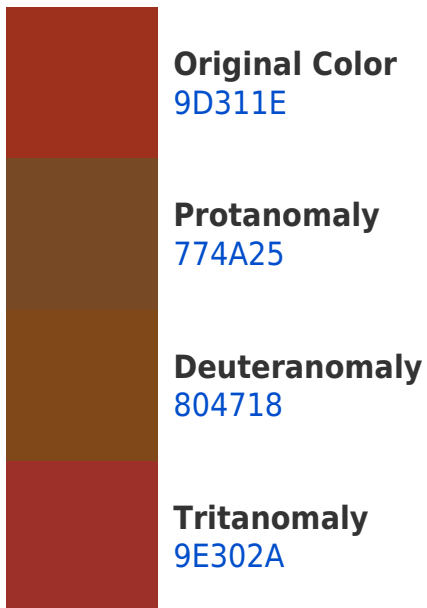
Protanopia
615829

Deuteranopia
6F5314

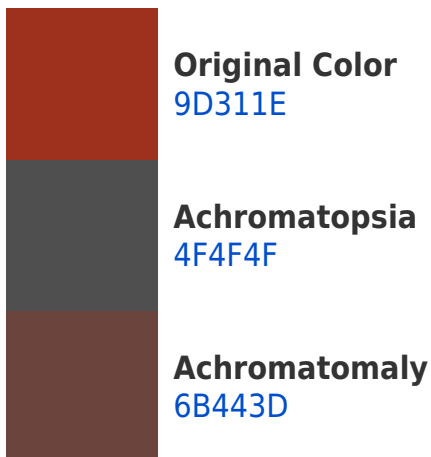


Tritanopia
9E2F31

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D311E 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 #9D311E looks like.

```
.text, #text, p{  
    color:#9D311E  
}
```

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 #9D311E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D311E
}
```

Border

The CSS property to change the border of an element to Hex 9D311E is called "border". The border property can be set on classes, ids or directly on the HTML element.

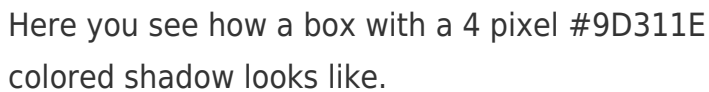
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D311E }
```

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

```
.border{ border-color:#9D311E }
```

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



Here you see how a box with a 4 pixel #9D311E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D311E; -webkit-box-shadow:4px 4px  
4px 4px #9D311E; box-shadow:4px 4px 4px  
4px #9D311E }
```

Background

The CSS property to change the background color of an element to Hex 9D311E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D311E }
```

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

```
.background{ background-color:#9D311E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor