

Converting Colors

Hex(9B1E13)

Have a look what the booklet for
Hex(9B1E13) contains.

Hex(9B1E13)	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(9B1E13)

Conversions

Conversions Part 1

Format	Color
Hex	9B1E13
RGB	155, 30, 19
RGB Percent	61%, 12%, 7%
CMY	0.3922, 0.8824, 0.9255
CMYK	0.00, 0.81, 0.88, 0.39
HSL	5°, 78%, 34%
HSV	5°, 88%, 61%
XYZ	14.0994, 7.9441, 1.4063
YIQ	66.1210, 78.0310, 23.0790

Conversions

Conversions Part 2

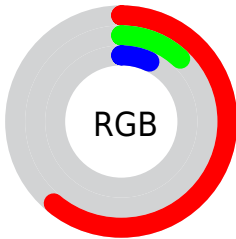
Format	Color
R_{YB}	155, 31, 19
Decimal	10165779
CIE Lab	33.87, 49.74, 39.05
CIE LCh	34, 63.239, 38.135
Yxy	7.9441, 0.6013, 0.3388
Android (android.graphics.Color)	4288355859 (0xFF9B1E13)
YUV	66.1210, -23.2307, 77.9469
Hunter-Lab	28.1853, 39.9683, 16.7714

Details

The Hex color **9B1E13** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **13909B**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **D95740**, and **5F0000** is the 20% darker color. If you saturate the color by 10%, you get **9B1003**, and if you desaturate by 10%, it is **9B2C22**.

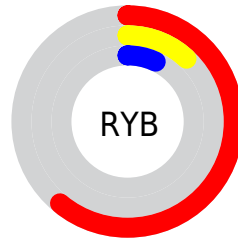
Distribution



Red (61%)

Green (12%)

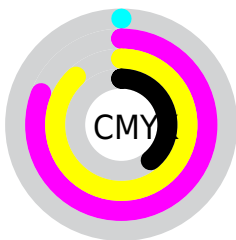
Blue (7%)



Red (61%)

Yellow (12%)

Blue (7%)

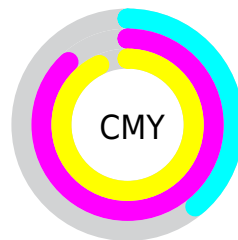


Cyan (0%)

Magenta (81%)

Yellow (88%)

Black (39%)



Cyan (39%)

Magenta (88%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B1E13 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 9B1E13 by changing the saturation by 10% instead.

 9B1E13

 9B1E13

 FFFFF9

 7D0000

 D95740

 5F0000

 F87258

 420001

 FF8D71

 250001

 FFA98B

 000000

 FFC5A5

 FFE2C0

 FFFFDC

 9B1E13

 9B1E13

■ 9B1003

■ 9B2C22

■ 9B0D00

■ 9B3A32

■ 9B4941

■ 9B5751

■ 9B6560

■ 9B7370

■ 9B827F

■ 9B908F

■ 9B9E9E

Harmonies

Analogous

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



A40044



9B1E13



7F3F00

Triad

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



9B1E13



006227



0052B5

Complementary

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



9B1E13



13909B

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.



005FAE



9B1E13



00645D

Square

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



9B1E13



185D00



00648D



5E3AA0

Rectangle

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



9B1E13



654D00



00648D



0058B6

Sweetspot

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



9B1E13



C99995



9B1392



664946



E6E6E6



666666

Same Dimension

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



9B1E13



C91000



9B6013



4D4545



8C0B00



0D0100

Inverse Universe

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



13909B



00B9C9



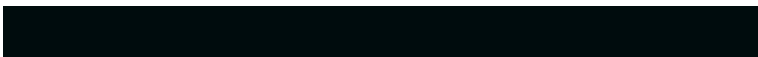
134E9B



454C4D



00818C



000C0D

Previews

White Background



This preview shows how the Hex color 9B1E13 looks on a white background.

Color Contrast Check

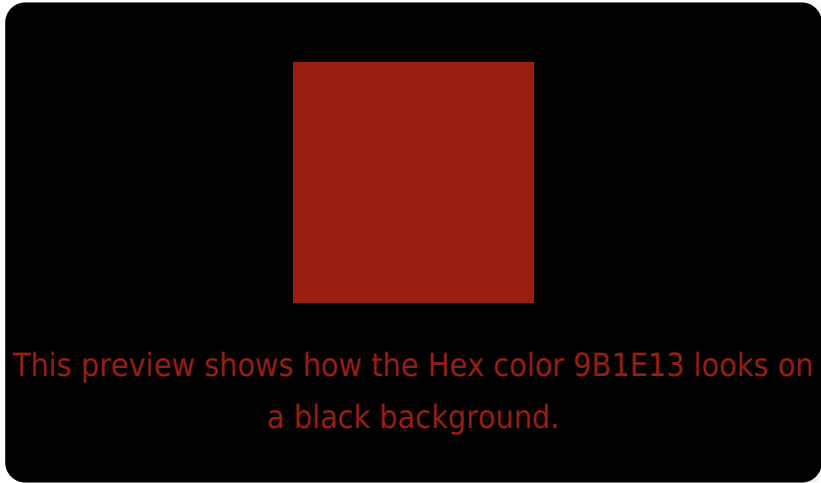
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B1E13 Background



This preview shows how black text looks on a background with the Hex color 9B1E13.



This preview shows how white text looks on a background with the Hex color 9B1E13.

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
9B1E13

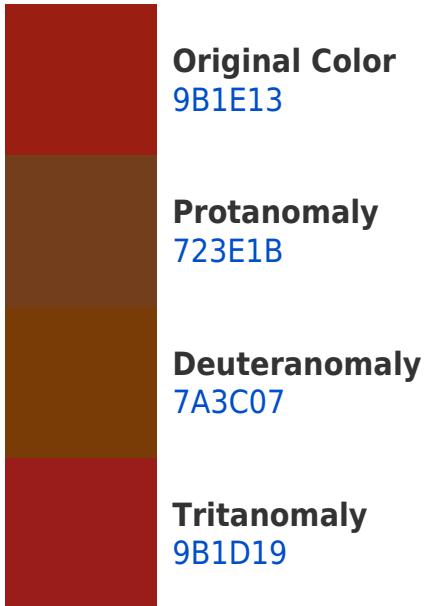
Protanopia
5B511F

Deuteranopia
674D00

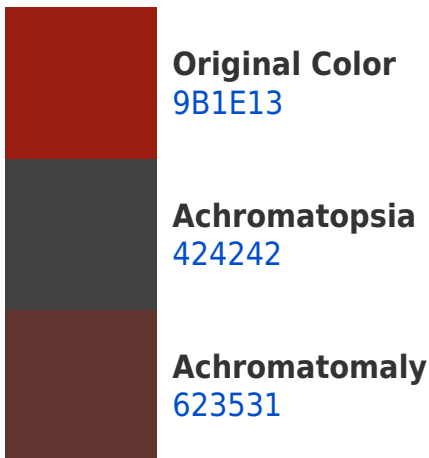


Tritanopia
9B1D1C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B1E13 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 #9B1E13 looks like.

```
.text, #text, p{  
    color:#9B1E13  
}
```

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 #9B1E13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B1E13
}
```

Border

The CSS property to change the border of an element to Hex 9B1E13 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".

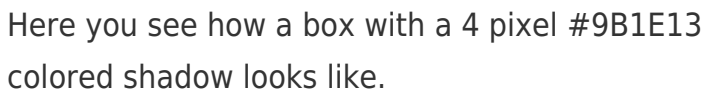
```
.border, #border, table{ border:4px solid
#9B1E13 }
```

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

```
.border{ border-color:#9B1E13 }
```

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

Here you see how a box with a 4 pixel #9B1E13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B1E13; -webkit-box-shadow:4px 4px  
4px 4px #9B1E13; box-shadow:4px 4px 4px  
4px #9B1E13 }
```

Background

The CSS property to change the background color of an element to Hex 9B1E13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B1E13 }
```

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

```
.background{ background-color:#9B1E13 }
```

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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