

Converting Colors

Hex(9B0E0E)

Have a look what the booklet for
Hex(9B0E0E) contains.

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Color

Hex(9B0E0E)

Conversions

Conversions Part 1

Format	Color
Hex	9B0E0E
RGB	155, 14, 14
RGB Percent	61%, 5%, 5%
CMY	0.3922, 0.9451, 0.9451
CMYK	0.00, 0.91, 0.91, 0.39
HSL	0°, 83%, 33%
HSV	0°, 91%, 61%
XYZ	13.7539, 7.3143, 1.1024
YIQ	56.1590, 84.0360, 29.8920

Conversions

Conversions Part 2

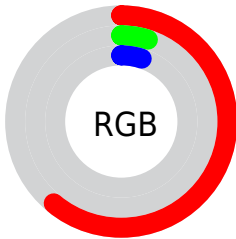
Format	Color
R_{YB}	155, 14, 14
Decimal	10161678
CIE Lab	32.51, 53.40, 40.38
CIE LCh	33, 66.944, 37.093
Yxy	7.3143, 0.6204, 0.3299
Android (android.graphics.Color)	4288351758 (0xFF9B0E0E)
YUV	56.1590, -20.7844, 86.6836
Hunter-Lab	27.0450, 43.4481, 16.5149

Details

The Hex color **9B0E0E** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0E9B9B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **D94E3B**, and **5E0000** is the 20% darker color. If you saturate the color by 10%, you get **9B0000**, and if you desaturate by 10%, it is **9B1D1D**.

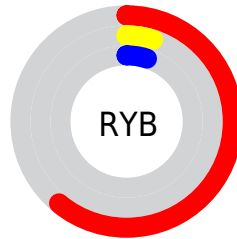
Distribution



Red (61%)

Green (5%)

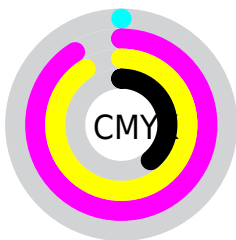
Blue (5%)



Red (61%)

Yellow (5%)

Blue (5%)

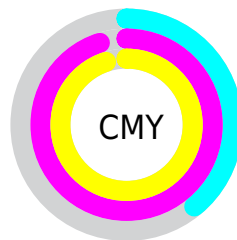


Cyan (0%)

Magenta (91%)

Yellow (91%)

Black (39%)



Cyan (39%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B0E0E 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 9B0E0E by changing the saturation by 10% instead.

 9B0E0E

 9B0E0E

 FFFFF3

 7D0000

 D94E3B

 5E0000

 F96A53

 420001

 FF856B

 230001

 FFA185

 000000

 FFBD9F

 FFDABA

 FFF7D6

 9B0E0E

 9B0E0E

 9B0000

 9B1D1D

 9B2D2D

 9B3C3C

 9B4C4C

 9B5C5C

 9B6B6B

 9B7A7A

 9B8A8A

 9B9A9A

Harmonies

Analogous

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



A50043



9B0E0E



7E3900

Triad

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



9B0E0E



005F1F



0050B7

Complementary

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



9B0E0E



0E9B9B

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.



005DAF



9B0E0E



006158

Square

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



9B0E0E



105A00



00618C



5736A2

Rectangle

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



9B0E0E



634900



00618C



0056B8

Sweetspot

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



9B0E0E



C99393



9B0E9B



664545



E6E6E6



666666

Same Dimension

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



9B0E0E



C90000



9B550E



4D4545



8C0000



0D0000

Inverse Universe

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



0E9B9B



00C9C9



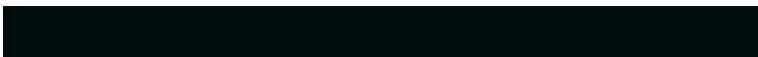
0E559B



454D4D



008C8C



000D0D

Previews

White Background



This preview shows how the Hex color 9B0E0E looks on a white background.

Color Contrast Check

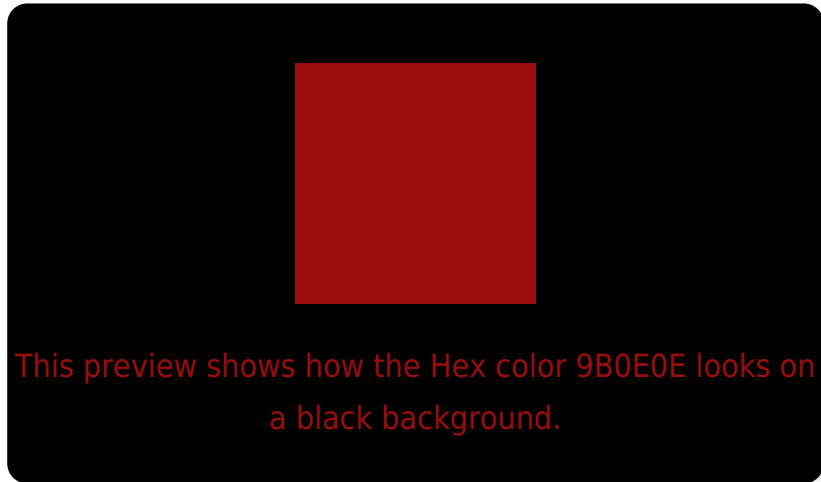
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B0E0E Background



This preview shows how black text looks on a background with the Hex color 9B0E0E.



This preview shows how white text looks on a background with the Hex color 9B0E0E.

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
9B0E0E

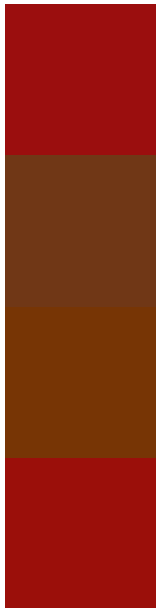
Protanopia
584F1B

Deuteranopia
634B00



Tritanopia
9B0F07

Trichromacy



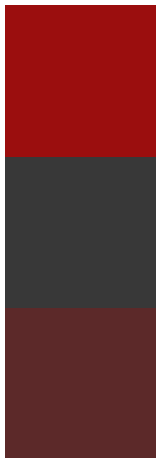
Original Color
9B0E0E

Protanomaly
703716

Deuteranomaly
773505

Tritanomaly
9B0F0A

Monochromacy



Original Color
9B0E0E

Achromatopsia
383838

Achromatomaly
5C2929

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B0E0E 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 #9B0E0E looks like.

```
.text, #text, p{  
    color:#9B0E0E  
}
```

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 #9B0E0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B0E0E
}
```

Border

The CSS property to change the border of an element to Hex 9B0E0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

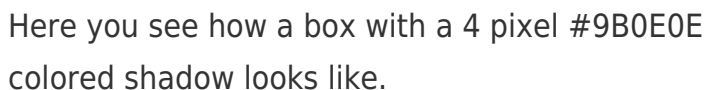
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B0E0E }
```

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

```
.border{ border-color:#9B0E0E }
```

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



Here you see how a box with a 4 pixel #9B0E0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B0E0E; -webkit-box-shadow:4px 4px  
4px 4px #9B0E0E; box-shadow:4px 4px 4px  
4px #9B0E0E }
```

Background

The CSS property to change the background color of an element to Hex 9B0E0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B0E0E }
```

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

```
.background{ background-color:#9B0E0E }
```

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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