

Converting Colors

Hex(9E0D0D)

Have a look what the booklet for
Hex(9E0D0D) contains.

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Color

Hex(9E0D0D)

Conversions

Conversions Part 1

Format	Color
Hex	9E0D0D
RGB	158, 13, 13
RGB Percent	62%, 5%, 5%
CMY	0.3804, 0.9490, 0.9490
CMYK	0.00, 0.92, 0.92, 0.38
HSL	0°, 85%, 34%
HSV	0°, 92%, 62%
XYZ	14.3171, 7.5860, 1.0904
YIQ	56.3550, 86.4200, 30.7400

Conversions

Conversions Part 2

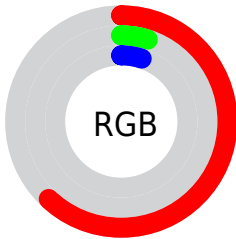
Format	Color
RYB	158, 13, 13
Decimal	10358029
CIELab	33.11, 54.38, 41.55
CIElCh	33, 68.437, 37.387
Yxy	7.5860, 0.6227, 0.3299
Android (android.graphics.Color)	4288548109 (0xFF9E0D0D)
YUV	56.3550, -21.3740, 89.1427
Hunter-Lab	27.5427, 44.5873, 16.9326

Details

The Hex color **9E0D0D** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0D9E9E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **DD4F3A**, and **610000** is the 20% darker color. If you saturate the color by 10%, you get **9E0000**, and if you desaturate by 10%, it is **9E1D1D**.

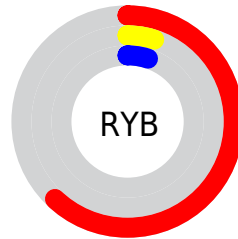
Distribution



Red (62%)

Green (5%)

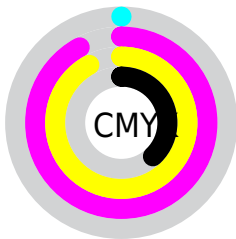
Blue (5%)



Red (62%)

Yellow (5%)

Blue (5%)

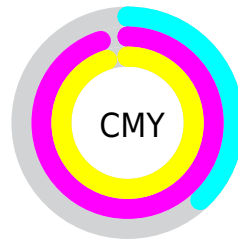


Cyan (0%)

Magenta (92%)

Yellow (92%)

Black (38%)



Cyan (38%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E0D0D 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 9E0D0D by changing the saturation by 10% instead.

 9E0D0D

 9E0D0D

 FFFFF2

 800000

 DD4F3A

 610000

 FC6A52

 440001

 FF866B

 260001

 FFA284

 000000

 FFBE9E

 FFDBBA

 FFF8D6

 9E0D0D

 9E0D0D

■ 9E0000

■ 9E1D1D

■ 9E2D2D

■ 9E3C3C

■ 9E4C4C

■ 9E5C5C

■ 9E6C6C

■ 9E7C7C

■ 9E8B8B

■ 9E9B9B

Harmonies

Analogous

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



A80043



9E0D0D



803A00

Triad

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



9E0D0D



006120



0052BB

Complementary

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



9E0D0D



0D9E9E

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.



005FB3



9E0D0D



00635A

Square

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



9E0D0D



0C5C00



00638F



5937A5

Rectangle

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



9E0D0D



644A00



00638F



0057BC

Sweetspot

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



9E0D0D



CF9595



9E0D9E



694545



E8E8E8



696969

Same Dimension

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



9E0D0D



CF0000



9E560D



4F4747



8F0000



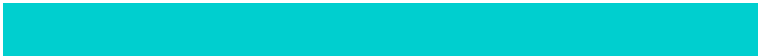
0F0000

Inverse Universe

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



0D9E9E



00CFCF



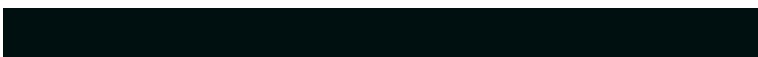
0D569E



474F4F



008F8F



000F0F

Previews

White Background



This preview shows how the Hex color 9E0D0D looks on a white background.

Color Contrast Check

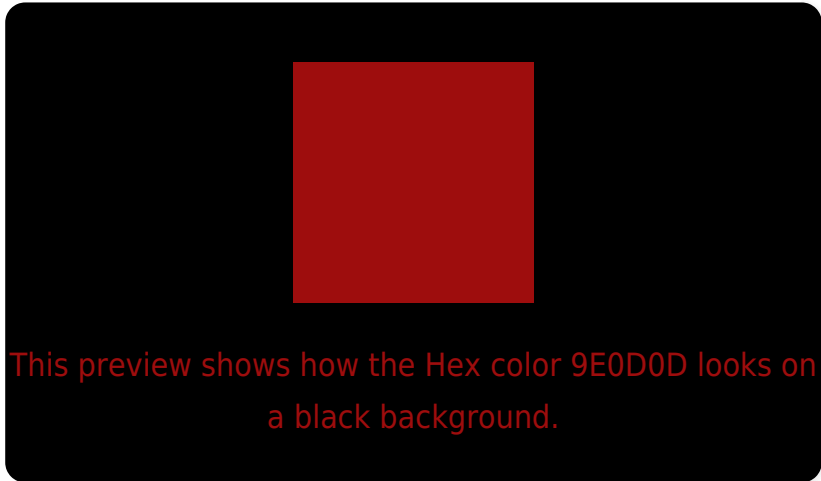
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E0D0D Background



This preview shows how black text looks on a background with the Hex color 9E0D0D.



This preview shows how white text looks on a background with the Hex color 9E0D0D.

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
9E0D0D

Protanopia
5A501B

Deuteranopia
654C00



Tritanopia
9E0E01

Trichromacy



Original Color
9E0D0D

Protanomaly
733816

Deuteranomaly
7A3505

Tritanomaly
9E0E05

Monochromacy



Original Color
9E0D0D

Achromatopsia
383838

Achromatomaly
5D2828

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E0D0D 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 #9E0D0D looks like.

```
.text, #text, p{  
    color:#9E0D0D  
}
```

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 #9E0D0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E0D0D
}
```

Border

The CSS property to change the border of an element to Hex 9E0D0D 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".

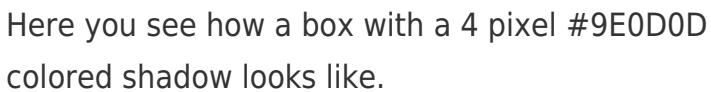
```
.border, #border, table{ border:4px solid
#9E0D0D }
```

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

```
.border{ border-color:#9E0D0D }
```

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

Here you see how a box with a 4 pixel #9E0D0D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E0D0D; -webkit-box-shadow:4px 4px  
4px 4px #9E0D0D; box-shadow:4px 4px 4px  
4px #9E0D0D }
```

Background

The CSS property to change the background color of an element to Hex 9E0D0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E0D0D }
```

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

```
.background{ background-color:#9E0D0D }
```

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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