

# Converting Colors

Hex(9D0D0C)

Have a look what the booklet for  
Hex(9D0D0C) contains.

<b>Hex(9D0D0C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(9D0D0C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D0D0C
RGB	157, 13, 12
RGB Percent	62%, 5%, 5%
CMY	0.3843, 0.9490, 0.9529
CMYK	0.00, 0.92, 0.92, 0.38
HSL	0°, 86%, 33%
HSV	0°, 92%, 62%
XYZ	14.1149, 7.4825, 1.0482
YIQ	55.9420, 86.1450, 30.2170

# Conversions

## Conversions Part 2

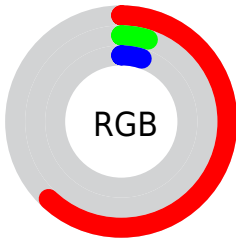
Format	Color
<a href="#">RYB</a>	<a href="#">157, 13, 12</a>
Decimal	<a href="#">10292492</a>
CIELab	<a href="#">32.88, 54.08, 41.73</a>
CIElCh	<a href="#">33, 68.314, 37.654</a>
Yxy	<a href="#">7.4825, 0.6233, 0.3304</a>
Android (android.graphics.Color)	<a href="#">4288482572</a> ( <a href="#">0xFF9D0D0C</a> )
YUV	<a href="#">55.9420, -21.6634, 88.6279</a>
Hunter-Lab	<a href="#">27.3541, 44.2374, 16.8760</a>

# Details

The Hex color **9D0D0C** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0C9C9D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **DC4E39**, and **600000** is the 20% darker color. If you saturate the color by 10%, you get **9D0100**, and if you desaturate by 10%, it is **9D1D1C**.

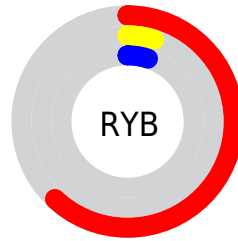
# Distribution



Red (62%)

Green (5%)

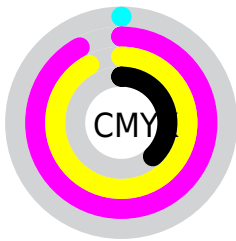
Blue (5%)



Red (62%)

Yellow (5%)

Blue (5%)

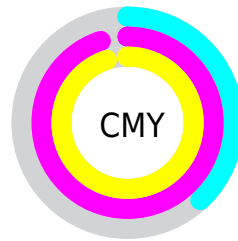


Cyan (0%)

Magenta (92%)

Yellow (92%)

Black (38%)



Cyan (38%)

Magenta (95%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D0D0C 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 9D0D0C by changing the saturation by 10% instead.



 9D0D0C

 9D0D0C

 FFFFF1

 7F0000

 DC4E39

 600000

 FB6A51

 430001

 FF856A

 250001

 FFA183

 000000

 FFBE9E

 FFDAB9

 FFF8D4

 9D0D0C

 9D0D0C

■ 9D0100

■ 9D1D1C

■ 9D2C2B

■ 9D3C3B

■ 9D4B4B

■ 9D5B5B

■ 9D6B6A

■ 9D7A7A

■ 9D8A8A

■ 9D9999

# Harmonies

## Analogous

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



A70042



9D0D0C



7F3A00

# Triad

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



9D0D0C



006020



0051BB

# Complementary

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



9D0D0C



0C9C9D

# 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.



005EB3



9D0D0C



00625A

# Square

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



9D0D0C



0A5B00



00628F



5A36A4

# Rectangle

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



9D0D0C



634A00



00628F



0057BB



# Sweetspot

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



9D0D0C



CC9393



9D0C9D



664443



E6E6E6



666666



# Same Dimension

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



9D0D0C



CC0100



9D550C



4F4747



8F0100



0F0000

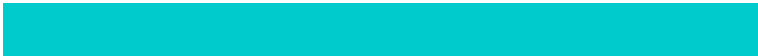


# Inverse Universe

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



0C9C9D



00CBCC



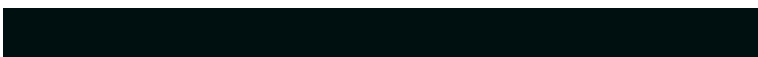
0C559D



474F4F



008E8F



000F0F



# Previews

## White Background



This preview shows how the Hex color 9D0D0C looks on a white background.

## Color Contrast Check

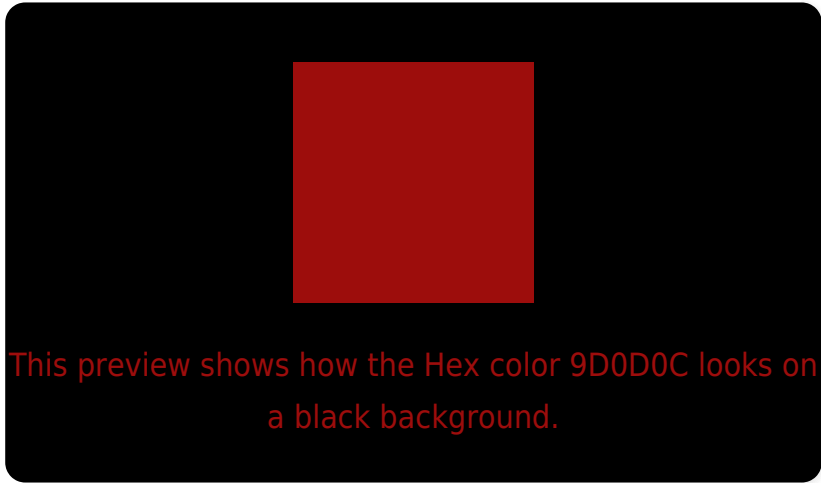
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D0D0C Background



This preview shows how black text looks on a background with the Hex color 9D0D0C.



This preview shows how white text looks on a background with the Hex color 9D0D0C.

# 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**  
9D0D0C

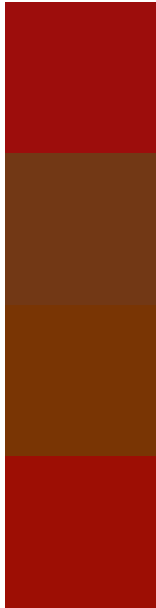
**Protanopia**  
59501A

**Deuteranopia**  
654C00



**Tritanopia**  
9D0E00

# Trichromacy



**Original Color**  
9D0D0C

**Protanomaly**  
723815

**Deuteranomaly**  
793504

**Tritanomaly**  
9D0E04

# Monochromacy



**Original Color**  
9D0D0C

**Achromatopsia**  
383838

**Achromatomaly**  
5D2828

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D0D0C 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 #9D0D0C looks like.

```
.text, #text, p{  
    color:#9D0D0C  
}
```

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 #9D0D0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D0D0C
}
```

## Border

The CSS property to change the border of an element to Hex 9D0D0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

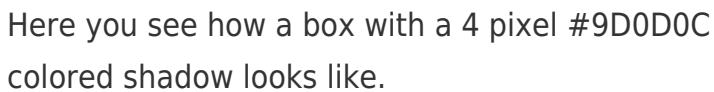
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D0D0C }
```

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

```
.border{ border-color:#9D0D0C }
```

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



Here you see how a box with a 4 pixel #9D0D0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D0D0C; -webkit-box-shadow:4px 4px  
4px 4px #9D0D0C; box-shadow:4px 4px 4px  
4px #9D0D0C }
```

# Background

The CSS property to change the background color of an element to Hex 9D0D0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D0D0C }
```

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

```
.background{ background-color:#9D0D0C }
```

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