

# Converting Colors

Hex(9C390D)

Have a look what the booklet for  
Hex(9C390D) contains.

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# Color

Hex(9C390D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C390D
RGB	156, 57, 13
RGB Percent	61%, 22%, 5%
CMY	0.3882, 0.7765, 0.9490
CMYK	0.00, 0.63, 0.92, 0.39
HSL	18°, 85%, 33%
HSV	18°, 92%, 61%
XYZ	15.2461, 10.0232, 1.5119
YIQ	81.5850, 73.1280, 7.3040

# Conversions

## Conversions Part 2

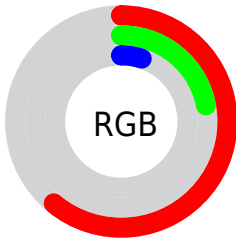
Format	Color
<a href="#">RYB</a>	<a href="#">156, 77, 13</a>
Decimal	<a href="#">10238221</a>
CIELab	<a href="#">37.88, 39.41, 44.83</a>
CIElCh	<a href="#">38, 59.693, 48.682</a>
Yxy	<a href="#">10.0232, 0.5693, 0.3743</a>
Android (android.graphics.Color)	<a href="#">4288428301 (0xFF9C390D)</a>
YUV	<a href="#">81.5850, -33.8124, 65.2620</a>
Hunter-Lab	<a href="#">31.6595, 30.5551, 19.3303</a>

# Details

The Hex color **9C390D** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0D709C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **D96C3E**, and **610000** is the 20% darker color. If you saturate the color by 10%, you get **9C3000**, and if you desaturate by 10%, it is **9C441D**.

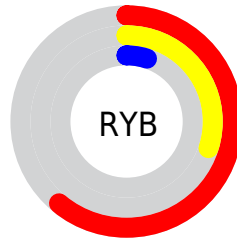
# Distribution



Red (61%)

Green (22%)

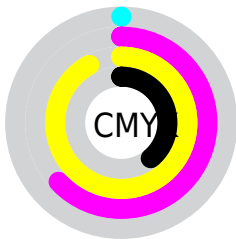
Blue (5%)



Red (61%)

Yellow (30%)

Blue (5%)

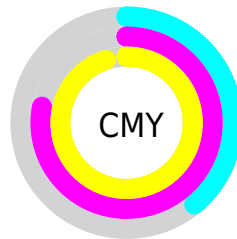


Cyan (0%)

Magenta (63%)

Yellow (92%)

Black (39%)



Cyan (39%)

Magenta (78%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C390D 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 9C390D by changing the saturation by 10% instead.



 9C390D

 9C390D

 FFFFF8

 7E1F00

 D96C3E

 610000

 F88656

 440000

 FFA16F

 2B0001

 FFBD89

 000000

 FFD9A4

 FFF6BF

 FFFFDB

 9C390D

 9C390D

■ 9C3000

■ 9C441D

■ 9C4F2C

■ 9C593C

■ 9C644B

■ 9C6F5B

■ 9C7A6B

■ 9C857A

■ 9C8F8A

■ 9C9A99

# Harmonies

## Analogous

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



AC1E3E



9C390D



7C5000

# Triad

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



9C390D



006D45



1B55B6

# Complementary

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



9C390D



0D709C

# 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.



0064B9



9C390D



006E77

# Square

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



9C390D



00690E



006CA1



7F3B9A

# Rectangle

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



9C390D



605C00



006CA1



005BBA



# Sweetspot

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



9C390D



CCA493



9C0D71



664E43



E6E6E6



666666



# Same Dimension

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



9C390D



CC3F00



9C7F0D



4F4A47



8F2C00



0F0500



# Inverse Universe

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



0D709C



008DCC



0D2A9C



474D4F



00638F



000B0F



# Previews

## White Background



This preview shows how the Hex color 9C390D looks on a white background.

## Color Contrast Check

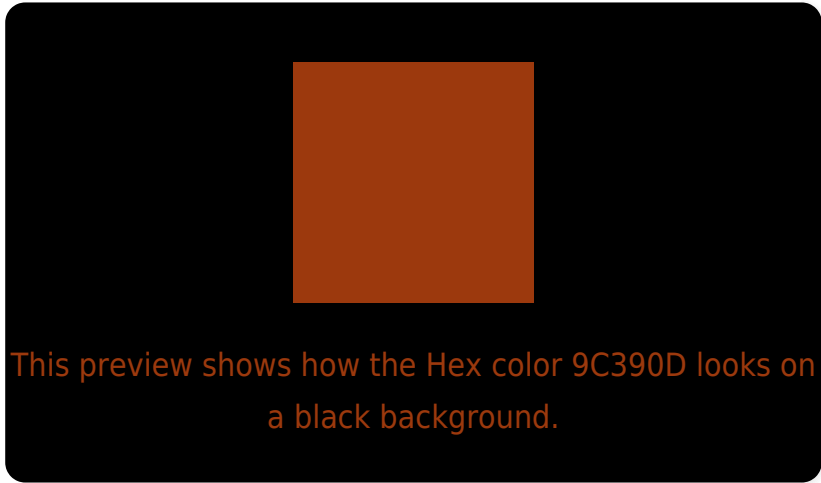
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 9C390D Background



This preview shows how black text looks on a background with the Hex color 9C390D.



This preview shows how white text looks on a background with the Hex color 9C390D.

# 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**  
9C390D

**Protanopia**  
655A16

**Deuteranopia**  
725600



**Tritanopia**  
9D3538

# Trichromacy



**Original Color**  
9C390D

**Protanomaly**  
794E13

**Deuteranomaly**  
814B05

**Tritanomaly**  
9D3628

# Monochromacy



**Original Color**  
9C390D

**Achromatopsia**  
525252

**Achromatomaly**  
6D4939

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C390D 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 #9C390D looks like.

```
.text, #text, p{  
    color:#9C390D  
}
```

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 #9C390D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C390D
}
```

## Border

The CSS property to change the border of an element to Hex 9C390D 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
#9C390D }
```

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

```
.border{ border-color:#9C390D }
```

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

Here you see how a box with a 4 pixel #9C390D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C390D; -webkit-box-shadow:4px 4px  
4px 4px #9C390D; box-shadow:4px 4px 4px  
4px #9C390D }
```

# Background

The CSS property to change the background color of an element to Hex 9C390D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C390D }
```

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

```
.background{ background-color:#9C390D }
```

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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