

Converting Colors

Hex(9C400C)

Have a look what the booklet for
Hex(9C400C) contains.

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Color

Hex(9C400C)

Conversions

Conversions Part 1

Format	Color
Hex	9C400C
RGB	156, 64, 12
RGB Percent	61%, 25%, 5%
CMY	0.3882, 0.7490, 0.9529
CMYK	0.00, 0.59, 0.92, 0.39
HSL	22°, 86%, 33%
HSV	22°, 92%, 61%
XYZ	15.6101, 10.7613, 1.6022
YIQ	85.5800, 71.5240, 3.3320

Conversions

Conversions Part 2

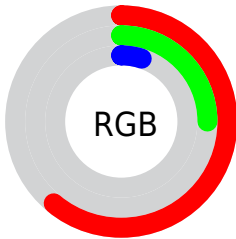
Format	Color
RYB	156, 93, 12
Decimal	10240012
CIELab	39.18, 35.99, 46.12
CIELCh	39, 58.501, 52.033
Yxy	10.7613, 0.5580, 0.3847
Android (android.graphics.Color)	4288430092 (0xFF9C400C)
YUV	85.5800, -36.2749, 61.7583
Hunter-Lab	32.8044, 27.5322, 20.0672

Details

The Hex color **9C400C** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0C689C**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **D9733E**, and **610C00** is the 20% darker color. If you saturate the color by 10%, you get **9C3800**, and if you desaturate by 10%, it is **9C4A1C**.

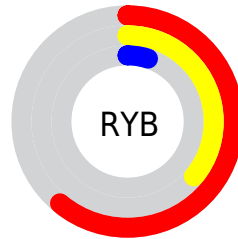
Distribution



Red (61%)

Green (25%)

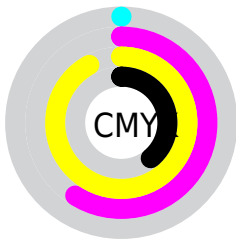
Blue (5%)



Red (61%)

Yellow (36%)

Blue (5%)

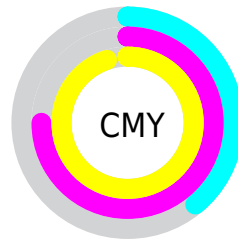


Cyan (0%)

Magenta (59%)

Yellow (92%)

Black (39%)



Cyan (39%)

Magenta (75%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C400C 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 9C400C by changing the saturation by 10% instead.

 9C400C

 9C400C

 FFFFFFF9

 7E2700

 D9733E

 610C00

 F88D56

 440000

 FFA870

 2C0001

 FFC48A

 000000

 FFE0A5

 FFFDC0

 FFFFDC

 9C400C

 9C400C

■ 9C3800

■ 9C4A1C

■ 9C542B

■ 9C5E3B

■ 9C684A

■ 9C725A

■ 9C7C6A

■ 9C8679

■ 9C9089

■ 9C9A98

Harmonies

Analogous

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



AE273C



9C400C



7B5600

Triad

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



9C400C



00704E



3955B5

Complementary

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



9C400C



0C689C

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.



0066BB



9C400C



00717F

Square

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



9C400C



006C1B



006EA7



883D98

Rectangle

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



9C400C



5F6000



006EA7



005CBA

Sweetspot

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



9C400C



CCA893



9C0C6A



665043



E6E6E6



666666

Same Dimension

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



9C400C



CC4A00



9C860C



4F4A47



8F3400



0F0600

Inverse Universe

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



0C689C



0082CC



0C229C



474C4F



005B8F



000A0F

Previews

White Background



This preview shows how the Hex color 9C400C looks on a white background.

Color Contrast Check

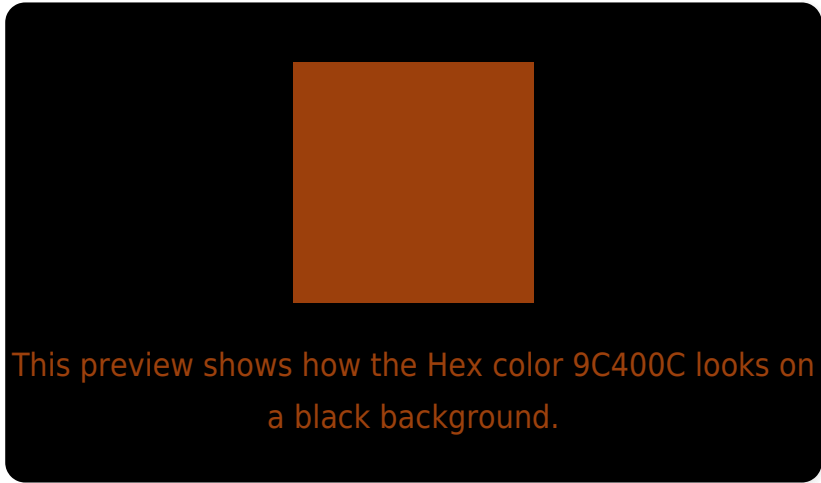
Large Text (above 18pt) WCAG AA ✓ Pass

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

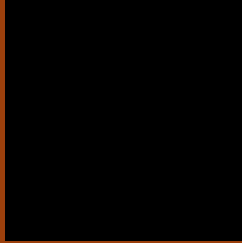
Any Text WCAG AA × Fail

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 9C400C Background



This preview shows how black text looks on a background with the Hex color 9C400C.

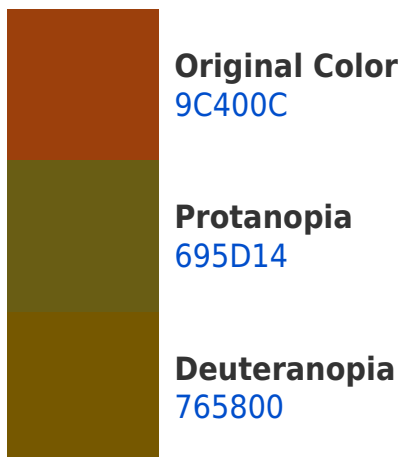


This preview shows how white text looks on a background with the Hex color 9C400C.

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](#).

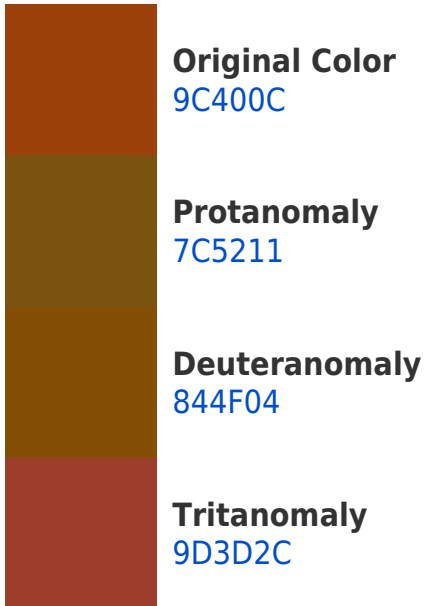
Dichromacy



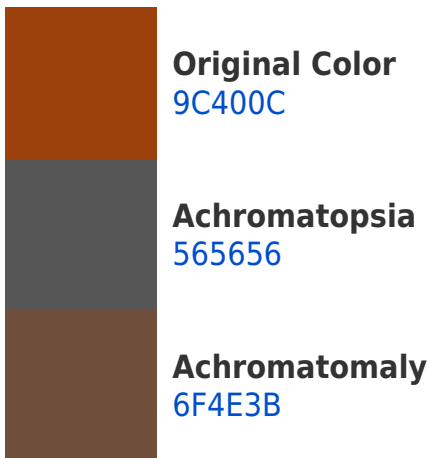


Tritanopia
9D3C3F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C400C 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 #9C400C looks like.

```
.text, #text, p{  
    color:#9C400C  
}
```

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 #9C400C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C400C }  
}
```

Border

The CSS property to change the border of an element to Hex 9C400C is called "border". The border property can be set on classes, ids or directly on the HTML element.

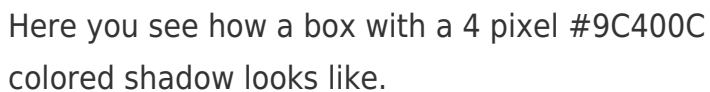
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #9C400C }  
}
```

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

```
.border{ border-color:#9C400C }
```

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



Here you see how a box with a 4 pixel #9C400C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C400C; -webkit-box-shadow:4px 4px  
4px 4px #9C400C; box-shadow:4px 4px 4px  
4px #9C400C }
```

Background

The CSS property to change the background color of an element to Hex 9C400C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C400C }
```

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

```
.background{ background-color:#9C400C }
```

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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