

Converting Colors

Hex(9A3705)

Have a look what the booklet for
Hex(9A3705) contains.

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Color

Hex(9A3705)

Conversions

Conversions Part 1

Format	Color
Hex	9A3705
RGB	154, 55, 5
RGB Percent	60%, 22%, 2%
CMY	0.3961, 0.7843, 0.9804
CMYK	0.00, 0.64, 0.97, 0.40
HSL	20°, 94%, 31%
HSV	20°, 97%, 60%
XYZ	14.7200, 9.6134, 1.2233
YIQ	78.9010, 75.0540, 5.4380

Conversions

Conversions Part 2

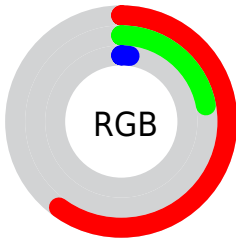
Format	Color
RYB	154, 80, 5
Decimal	10106629
CIELab	37.14, 39.46, 46.83
CIElCh	37, 61.235, 49.878
Yxy	9.6134, 0.5760, 0.3762
Android (android.graphics.Color)	4288296709 (0xFF9A3705)
YUV	78.9010, -36.4332, 65.8618
Hunter-Lab	31.0054, 30.4845, 19.3645

Details

The Hex color **9A3705** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **05689A**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **D76A38**, and **5F0000** is the 20% darker color. If you saturate the color by 10%, you get **9A3400**, and if you desaturate by 10%, it is **9A4114**.

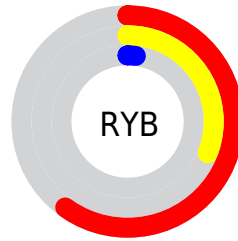
Distribution



Red (60%)

Green (22%)

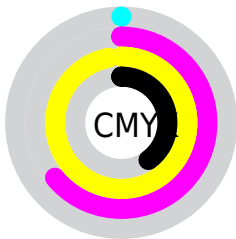
Blue (2%)



Red (60%)

Yellow (31%)

Blue (2%)

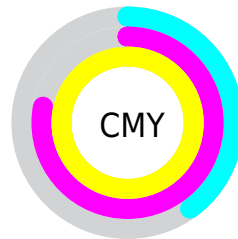


Cyan (0%)

Magenta (64%)

Yellow (97%)

Black (40%)



Cyan (40%)

Magenta (78%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A3705 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 9A3705 by changing the saturation by 10% instead.

 9A3705

 9A3705

 FFFFF2

 7C1D00

 D76A38

 5F0000

 F68450

 420000

 FF9F69

 280001

 FFBB83

 000000

 FFD79E

 FFF4B9

 FFFF5D

 9A3705

 9A3705

■ 9A3400

■ 9A4114

■ 9A4B24

■ 9A5633

■ 9A6043

■ 9A6A52

■ 9A7461

■ 9A7F71

■ 9A8980

■ 9A9390

Harmonies

Analogous

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



AB1739



9A3705



794F00

Triad

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



9A3705



006B44



1B52B5

Complementary

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



9A3705



05689A

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.



0063BA



9A3705



006C78

Square

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



9A3705



00670B



006AA3



803798

Rectangle

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



9A3705



5C5B00



006AA3



0059BA

Sweetspot

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



9A3705



C9A38F



9A0568



664E42



E6E6E6



666666

Same Dimension

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



9A3705



C94400



9A8105



4D4745



8C2F00



0D0400

Inverse Universe

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



05689A



0086C9



051E9A



454A4D



005D8C



00080D

Previews

White Background



This preview shows how the Hex color 9A3705 looks on a white background.

Color Contrast Check

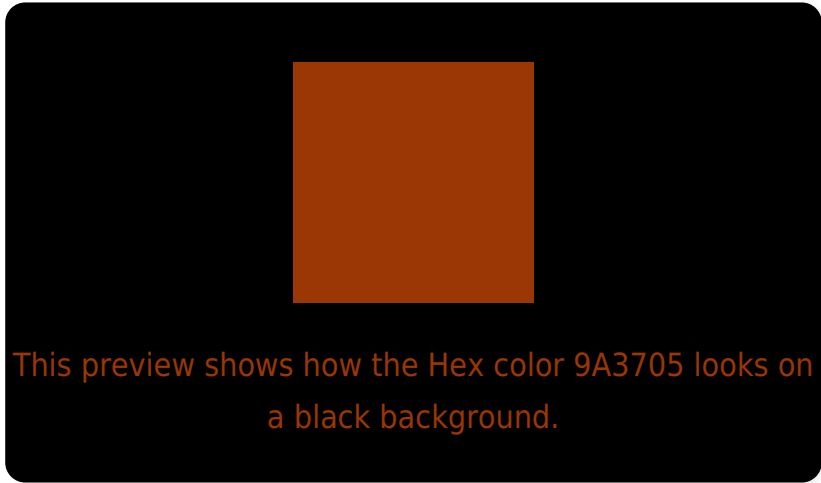
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A3705 Background



This preview shows how black text looks on a background with the Hex color 9A3705.



This preview shows how white text looks on a background with the Hex color 9A3705.

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
9A3705

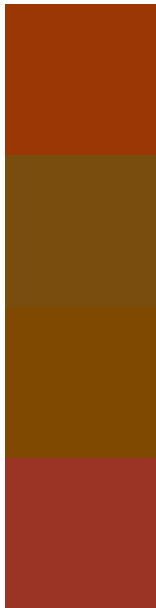
Protanopia
645911

Deuteranopia
705400



Tritanopia
9B3336

Trichromacy



Original Color
9A3705

Protanomaly
784D0D

Deuteranomaly
7F4902

Tritanomaly
9B3424

Monochromacy



Original Color
9A3705

Achromatopsia
4F4F4F

Achromatomaly
6A4634

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A3705 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 #9A3705 looks like.

```
.text, #text, p{  
    color:#9A3705  
}
```

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 #9A3705 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A3705
}
```

Border

The CSS property to change the border of an element to Hex 9A3705 is called "border". The border property can be set on classes, ids or directly on the HTML element.

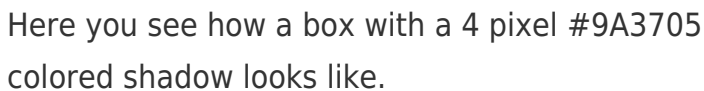
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A3705 }
```

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

```
.border{ border-color:#9A3705 }
```

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



Here you see how a box with a 4 pixel #9A3705 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A3705; -webkit-box-shadow:4px 4px  
4px 4px #9A3705; box-shadow:4px 4px 4px  
4px #9A3705 }
```

Background

The CSS property to change the background color of an element to Hex 9A3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A3705 }
```

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

```
.background{ background-color:#9A3705 }
```

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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