

Converting Colors

Hex(903309)

Have a look what the booklet for
Hex(903309) contains.

Hex(903309)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(903309)

Conversions

Conversions Part 1

Format	Color
Hex	903309
RGB	144, 51, 9
RGB Percent	56%, 20%, 4%
CMY	0.4353, 0.8000, 0.9647
CMYK	0.00, 0.65, 0.94, 0.44
HSL	19°, 88%, 30%
HSV	19°, 94%, 56%
XYZ	12.7347, 8.3167, 1.1925
YIQ	74.0190, 68.9100, 6.6540

Conversions

Conversions Part 2

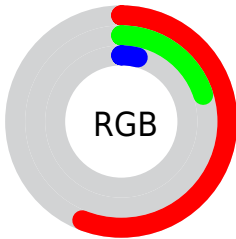
Format	Color
R_{YB}	144, 70, 9
Decimal	9450249
CIE _{Lab}	34.63, 37.60, 42.88
CIE _{LCh}	35, 57.035, 48.755
Yxy	8.3167, 0.5725, 0.3739
Android (android.graphics.Color)	4287640329 (0xFF903309)
YUV	74.0190, -32.0544, 61.3733
Hunter-Lab	28.8386, 28.3555, 17.7353

Details

The Hex color **903309** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **096690**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **CC6539**, and **560000** is the 20% darker color. If you saturate the color by 10%, you get **902D00**, and if you desaturate by 10%, it is **903D17**.

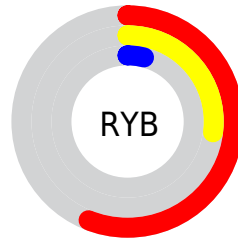
Distribution



Red (56%)

Green (20%)

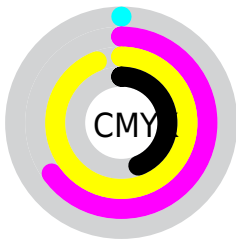
Blue (4%)



Red (56%)

Yellow (27%)

Blue (4%)

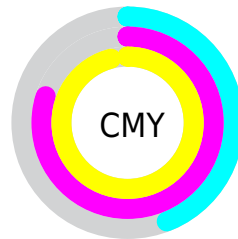


Cyan (0%)

Magenta (65%)

Yellow (94%)

Black (44%)



Cyan (44%)

Magenta (80%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 903309 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 903309 by changing the saturation by 10% instead.

 903309

 903309

 FFFFF3

 731900

 CC6539

 560000

 EB8052

 3A0000

 FF9A6B

 1C0001

 FFB684

 000000

 FFD29F

 FFEEDA

 FFFFD6

 903309

 903309

■ 902D00

■ 903D17

■ 904726

■ 905134

■ 905B43

■ 906551

■ 906F5F

■ 90786E

■ 90827C

■ 908C8B

Harmonies

Analogous

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



9F1837



903309



724900

Triad

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



903309



00643E



144DA9

Complementary

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



903309



096690

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.



005CAB



903309



00656E

Square

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



903309



00600A



006396



75358E

Rectangle

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



903309



585400



006396



0053AC

Sweetspot

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



903309



BA9686



900968



5E483E



DEDEDE



5E5E5E

Same Dimension

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



903309



BA3A00



907509



474240



872A00



080200

Inverse Universe

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



096690



0080BA



092490



404547



005D87



000508

Previews

White Background



This preview shows how the Hex color 903309 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 903309 Background



This preview shows how black text looks on a background with the Hex color 903309.



This preview shows how white text looks on a background with the Hex color 903309.

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
903309

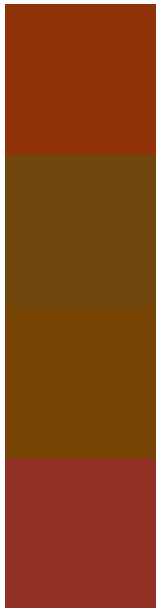
Protanopia
5D5312

Deuteranopia
684E00



Tritanopia
913032

Trichromacy



Original Color
903309

Protanomaly
70470F

Deuteranomaly
774403

Tritanomaly
913123

Monochromacy



Original Color
903309

Achromatopsia
4A4A4A

Achromatomaly
634232

CSS Examples

Text

The CSS property to change the color of the text to Hex 903309 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 #903309 looks like.

```
.text, #text, p{  
    color:#903309  
}
```

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 #903309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #903309
}
```

Border

The CSS property to change the border of an element to Hex 903309 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".

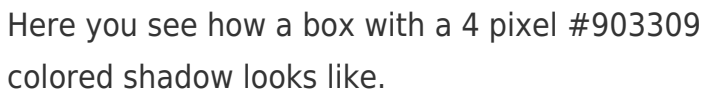
```
.border, #border, table{ border:4px solid
#903309 }
```

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

```
.border{ border-color:#903309 }
```

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

Here you see how a box with a 4 pixel #903309 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #903309; -webkit-box-shadow:4px 4px  
4px 4px #903309; box-shadow:4px 4px 4px  
4px #903309 }
```

Background

The CSS property to change the background color of an element to Hex 903309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#903309 }
```

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

```
.background{ background-color:#903309 }
```

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