

# Converting Colors

Hex(9F2314)

Have a look what the booklet for  
Hex(9F2314) contains.

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**Color**

**Hex(9F2314)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F2314
RGB	159, 35, 20
RGB Percent	62%, 14%, 8%
CMY	0.3765, 0.8627, 0.9216
CMYK	0.00, 0.78, 0.87, 0.38
HSL	6°, 78%, 35%
HSV	6°, 87%, 62%
XYZ	15.0254, 8.6235, 1.5344
YIQ	70.3660, 78.7190, 21.6230

# Conversions

## Conversions Part 2

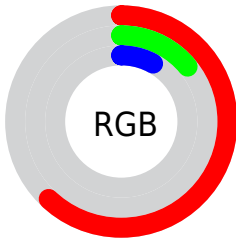
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 37, 20
Decimal	10429204
CIE <sub>Lab</sub>	35.25, 49.45, 40.05
CIE <sub>LCh</sub>	35, 63.637, 39.004
Yxy	8.6235, 0.5966, 0.3424
Android (android.graphics.Color)	4288619284 (0xFF9F2314)
YUV	70.3660, -24.8304, 77.7320
Hunter-Lab	29.3658, 39.9416, 17.4581

# Details

The Hex color **9F2314** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **14909F**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **DD5B41**, and **630000** is the 20% darker color. If you saturate the color by 10%, you get **9F1504**, and if you desaturate by 10%, it is **9F3124**.

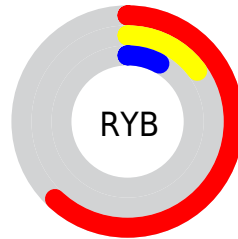
# Distribution



Red (62%)

Green (14%)

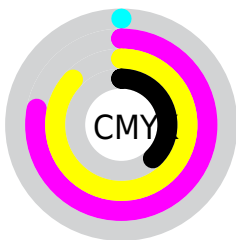
Blue (8%)



Red (62%)

Yellow (15%)

Blue (8%)

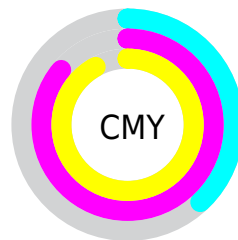


Cyan (0%)

Magenta (78%)

Yellow (87%)

Black (38%)



Cyan (38%)

Magenta (86%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F2314 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 9F2314 by changing the saturation by 10% instead.





9F2314



9F2314



FFFFFFB



810000



DD5B41



630000



FC7659



450000



FF9172



2A0001



FFAD8C



000000



FFC9A7



FFE6C2



FFFFDE



9F2314



9F2314

■ 9F1504

■ 9F3124

■ 9F1100

■ 9F3F34

■ 9F4E44

■ 9F5C54

■ 9F6A63

■ 9F7873

■ 9F8683

■ 9F9493

■ 9FA3A3

# Harmonies

## Analogous

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



A90046



9F2314



824200

# Triad

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



9F2314



00662C



0055B9

# Complementary

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



9F2314



14909F

# 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.



0062B3



9F2314



006861

# Square

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



9F2314



186100



006792



643CA3

# Rectangle

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



9F2314



685000



006792



005ABA



# Sweetspot

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



9F2314



CF9F99



9F1491



694C48



E8E8E8



696969



# Same Dimension

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



9F2314



CF1600



9F6714



4F4847



8F0F00



0F0200



# Inverse Universe

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



14909F



00B8CF



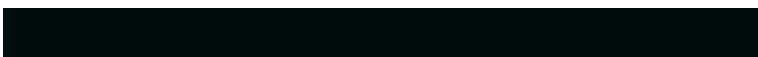
144C9F



474E4F



007F8F



000E0F



# Previews

## White Background



This preview shows how the Hex color 9F2314 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 9F2314 Background



This preview shows how black text looks on a background with the Hex color 9F2314.



This preview shows how white text looks on a background with the Hex color 9F2314.

# 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**  
9F2314

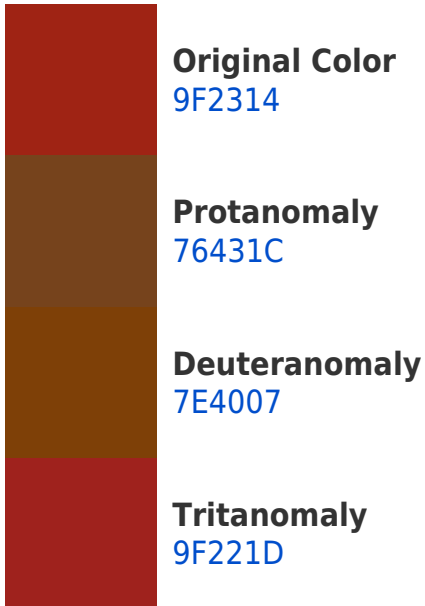
**Protanopia**  
5E5520

**Deuteranopia**  
6B5000

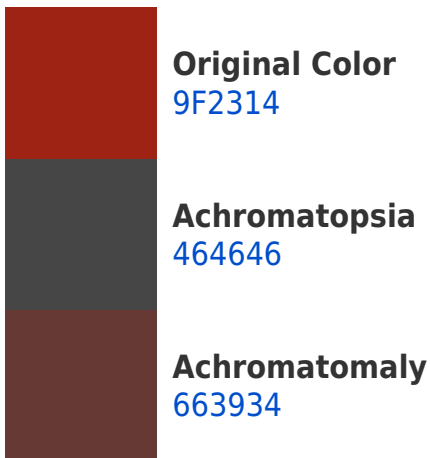


**Tritanopia**  
9F2122

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F2314 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 #9F2314 looks like.

```
.text, #text, p{  
    color:#9F2314  
}
```

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 #9F2314 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F2314
}
```

## Border

The CSS property to change the border of an element to Hex 9F2314 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".

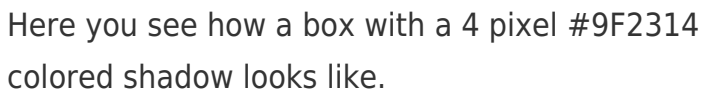
```
.border, #border, table{ border:4px solid
#9F2314 }
```

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

```
.border{ border-color:#9F2314 }
```

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

Here you see how a box with a 4 pixel #9F2314 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F2314; -webkit-box-shadow:4px 4px  
4px 4px #9F2314; box-shadow:4px 4px 4px  
4px #9F2314 }
```

# Background

The CSS property to change the background color of an element to Hex 9F2314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F2314 }
```

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

```
.background{ background-color:#9F2314 }
```

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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