

# Converting Colors

Hex(9F2A00)

Have a look what the booklet for  
Hex(9F2A00) contains.

<b>Hex(9F2A00)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9F2A00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F2A00
RGB	159, 42, 0
RGB Percent	62%, 16%, 0%
CMY	0.3765, 0.8353, 1.0000
CMYK	0.00, 0.74, 1.00, 0.38
HSL	16°, 100%, 31%
HSV	16°, 100%, 62%
XYZ	15.1260, 9.0269, 0.9451
YIQ	72.1950, 83.2140, 11.7420

# Conversions

## Conversions Part 2

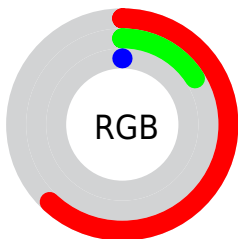
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 57, 0
Decimal	10430976
CIE Lab	36.04, 46.66, 48.61
CIE LCh	36, 67.384, 46.172
Yxy	9.0269, 0.6027, 0.3597
Android (android.graphics.Color)	4288621056 (0xFF9F2A00)
YUV	72.1950, -35.5921, 76.1280
Hunter-Lab	30.0447, 37.2877, 19.1662

# Details

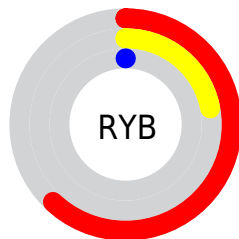
The Hex color **9F2A00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **00759F**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **DD6033**, and **620000** is the 20% darker color. If you saturate the color by 10%, you get **9F2A00**, and if you desaturate by 10%, it is **9F3610**.

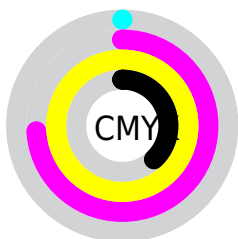
# Distribution



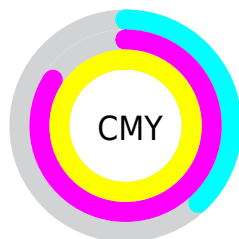
- Red (62%)
- Green (16%)
- Blue (0%)



- Red (62%)
- Yellow (22%)
- Blue (0%)



- Cyan (0%)
- Magenta (74%)
- Yellow (100%)
- Black (38%)



- Cyan (38%)
- Magenta (84%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F2A00 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 9F2A00 by changing the saturation by 10% instead.



 9F2A00

 9F2A00

 FFFFEB

 810700

 DD6033

 620000

 FD7A4B

 450000

 FF9564

 2A0001

 FFB17D

 000000

 FFCD98

 FFEAB3

 FFFFCE

 9F2A00

 9F3610

 9F4120

 9F4D30

 9F5940

 9F6550

 9F705F

 9F7C6F

 9F887F

 9F938F

# Harmonies

## Analogous

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



B0003B



9F2A00



7D4900

# Triad

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



9F2A00



006939



0052BE

# Complementary

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



9F2A00



00759F

# 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.



0063BF



9F2A00



006B72

# Square

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



9F2A00



006500



006AA3



7934A1

# Rectangle

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



9F2A00



5F5600



006AA3



0059C2



# Sweetspot

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



9F2A00



CFA191



9F0077



694D43



E8E8E8



696969



# Same Dimension

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



9F2A00



CF3700



9F7700



4F4947



8F2600



0F0400



# Inverse Universe

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



00759F



0098CF



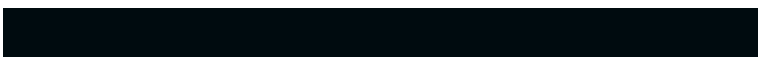
00289F



474D4F



00698F

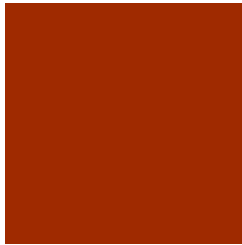


000B0F



# Previews

## White Background



This preview shows how the Hex color 9F2A00 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 9F2A00 Background



This preview shows how black text looks on a background with the Hex color 9F2A00.



This preview shows how white text looks on a background with the Hex color 9F2A00.

# 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



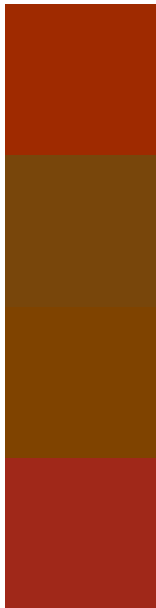
**Original Color**  
9F2A00

**Protanopia**  
615612

**Deuteranopia**  
6D5200



# Trichromacy



**Original Color**  
9F2A00

**Protanomaly**  
78460B

**Deuteranomaly**  
7F4300

**Tritanomaly**  
A02819

# Monochromacy



**Original Color**  
9F2A00

**Achromatopsia**  
484848

**Achromatomaly**  
683D2E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F2A00 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 #9F2A00 looks like.

```
.text, #text, p{  
    color:#9F2A00  
}
```

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 #9F2A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F2A00
}
```

## Border

The CSS property to change the border of an element to Hex 9F2A00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

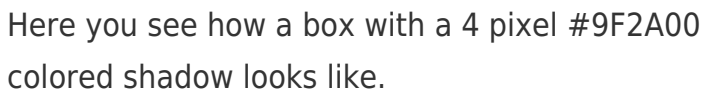
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F2A00 }
```

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

```
.border{ border-color:#9F2A00 }
```

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



Here you see how a box with a 4 pixel #9F2A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F2A00; -webkit-box-shadow:4px 4px  
4px 4px #9F2A00; box-shadow:4px 4px 4px  
4px #9F2A00 }
```

# Background

The CSS property to change the background color of an element to Hex 9F2A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F2A00 }
```

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

```
.background{ background-color:#9F2A00 }
```

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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