

# Converting Colors

Hex(9D290F)

Have a look what the booklet for  
Hex(9D290F) contains.

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# Color

**Hex(9D290F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D290F
RGB	157, 41, 15
RGB Percent	62%, 16%, 6%
CMY	0.3843, 0.8392, 0.9412
CMYK	0.00, 0.74, 0.90, 0.38
HSL	11°, 83%, 34%
HSV	11°, 90%, 62%
XYZ	14.7838, 8.7885, 1.3691
YIQ	72.7200, 77.4820, 16.5060

# Conversions

## Conversions Part 2

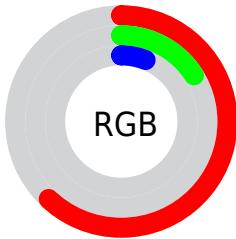
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 47, 15
Decimal	10299663
CIE <sub>Lab</sub>	35.57, 46.60, 42.41
CIE <sub>LCh</sub>	36, 63.008, 42.309
Yxy	8.7885, 0.5927, 0.3524
Android (android.graphics.Color)	4288489743 (0xFF9D290F)
YUV	72.7200, -28.4560, 73.9136
Hunter-Lab	29.6453, 37.1365, 18.0136

# Details

The Hex color **9D290F** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0F839D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **DB5F3E**, and **610000** is the 20% darker color. If you saturate the color by 10%, you get **9D1D00**, and if you desaturate by 10%, it is **9D361F**.

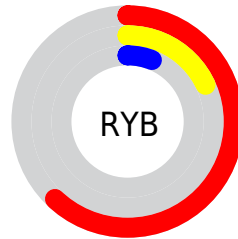
# Distribution



Red (62%)

Green (16%)

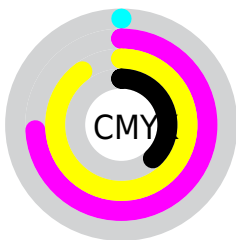
Blue (6%)



Red (62%)

Yellow (18%)

Blue (6%)

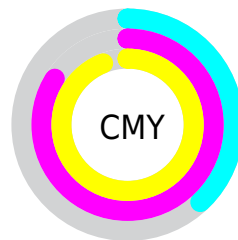


Cyan (0%)

Magenta (74%)

Yellow (90%)

Black (38%)



Cyan (38%)

Magenta (84%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D290F 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 9D290F by changing the saturation by 10% instead.



 9D290F

 9D290F

 FFFFF7

 7F0500

 DB5F3E

 610000

 FA7956

 440000

 FF946F

 290001

 FFB088

 000000

 FFCCA3

 FFE9BE

 FFFFDA

 9D290F

 9D290F

■ 9D1D00

■ 9D361F

■ 9D432E

■ 9D4F3E

■ 9D5C4E

■ 9D695E

■ 9D766D

■ 9D837D

■ 9D908D

■ 9D9C9C

# Harmonies

## Analogous

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



A90041



9D290F



7F4600

# Triad

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



9D290F



006733



0054B8

# Complementary

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



9D290F



0F839D

# 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.



0062B5



9D290F



006968

# Square

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



9D290F



0B6200



006897



6D3A9F

# Rectangle

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



9D290F



645300



006897



0059BA



# Sweetspot

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



9D290F



CC9F95



9D0F85



664B45



E6E6E6



666666



# Same Dimension

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



9D290F



CC2500



9D6E0F



4F4947



8F1A00



0F0300



# Inverse Universe

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



0F839D



00A7CC



0F3E9D



474E4F



00758F



000C0F



# Previews

## White Background



This preview shows how the Hex color 9D290F 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 9D290F Background



This preview shows how black text looks on a background with the Hex color 9D290F.



This preview shows how white text looks on a background with the Hex color 9D290F.

# 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**  
9D290F

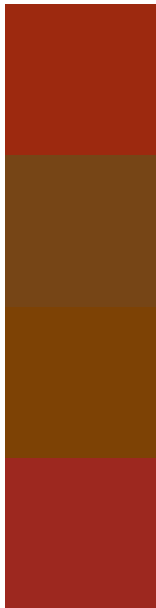
**Protanopia**  
5F551A

**Deuteranopia**  
6B5100



**Tritanopia**  
9D2728

# Trichromacy



**Original Color**  
9D290F

**Protanomaly**  
764516

**Deuteranomaly**  
7D4205

**Tritanomaly**  
9D281F

# Monochromacy



**Original Color**  
9D290F

**Achromatopsia**  
494949

**Achromatomaly**  
683D34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D290F 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 #9D290F looks like.

```
.text, #text, p{  
    color:#9D290F  
}
```

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 #9D290F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D290F
}
```

## Border

The CSS property to change the border of an element to Hex 9D290F is called "border". The border property can be set on classes, ids or directly on the HTML element.

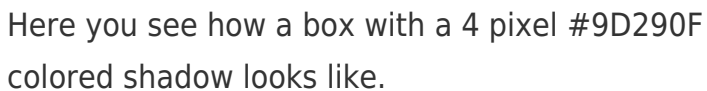
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D290F }
```

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

```
.border{ border-color:#9D290F }
```

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



Here you see how a box with a 4 pixel #9D290F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D290F; -webkit-box-shadow:4px 4px  
4px 4px #9D290F; box-shadow:4px 4px 4px  
4px #9D290F }
```

# Background

The CSS property to change the background color of an element to Hex 9D290F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D290F }
```

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

```
.background{ background-color:#9D290F }
```

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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