

# Converting Colors

Hex(921F1F)

Have a look what the booklet for  
Hex(921F1F) contains.

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# Color

**Hex(921F1F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	921F1F
RGB	146, 31, 31
RGB Percent	57%, 12%, 12%
CMY	0.4275, 0.8784, 0.8784
CMYK	0.00, 0.79, 0.79, 0.43
HSL	0°, 65%, 35%
HSV	0°, 79%, 57%
XYZ	12.5914, 7.1899, 2.0205
YIQ	65.3850, 68.5400, 24.3800

# Conversions

## Conversions Part 2

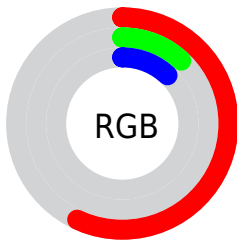
<b>Format</b>	<b>Color</b>
<b>RYB</b>	146, 31, 31
Decimal	9576223
CIELab	32.24, 46.98, 30.22
CIELCh	32, 55.854, 32.749
Yxy	7.1899, 0.5775, 0.3298
Android (android.graphics.Color)	4287766303 (0xFF921F1F)
YUV	65.3850, -16.9518, 70.6994
Hunter-Lab	26.8140, 36.8960, 14.3022

# Details

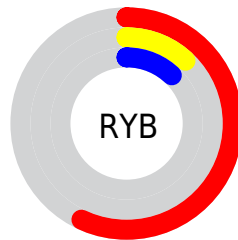
The Hex color **921F1F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1F9292**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **CE564C**, and **570000** is the 20% darker color. If you saturate the color by 10%, you get **921010**, and if you desaturate by 10%, it is **922E2E**.

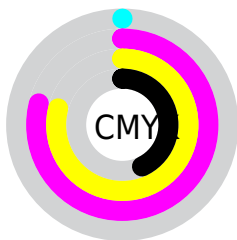
# Distribution



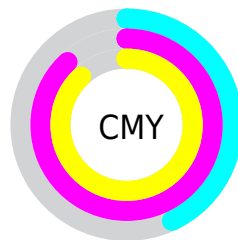
- Red (57%)
- Green (12%)
- Blue (12%)



- Red (57%)
- Yellow (12%)
- Blue (12%)



- Cyan (0%)
- Magenta (79%)
- Yellow (79%)
- Black (43%)



- Cyan (43%)
- Magenta (88%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 921F1F 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 921F1F by changing the saturation by 10% instead.





921F1F



921F1F

FFFFFF



740009



CE564C



570000



ED7164



3C0001



FF8C7D



1B0001



FFA797



000000



FFC3B1



FFE0CD



FFFDE9



921F1F



921F1F

■ 921010

■ 922E2E

■ 920202

■ 923C3C

■ 920000

■ 924B4B

■ 925959

■ 926868

■ 927777

■ 928585

■ 929494

■ 92A2A2

# Harmonies

## Analogous

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



96094A



921F1F



7C3900

# Triad

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



921F1F



005C20



0050A5

# Complementary

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



921F1F



1F9292

# 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.



005B9A



921F1F



005E4F

# Square

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



921F1F



2C5600



005E7B



4C3E97

# Rectangle

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



921F1F



664600



005E7B



0055A4



# Sweetspot

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



921F1F



BD8F8F



921F92



5E4343



DEDEDE



5E5E5E



# Same Dimension

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



921F1F



BD0909



92591F



4A4343



8A0000



0A0000



# Inverse Universe

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



1F9292



09BDBD



1F5992



434A4A



008A8A



000A0A



# Previews

## White Background



This preview shows how the Hex color 921F1F 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 921F1F Background



This preview shows how black text looks on a background with the Hex color 921F1F.



This preview shows how white text looks on a background with the Hex color 921F1F.

# 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**  
921F1F

**Protanopia**  
554D2C

**Deuteranopia**  
614916



# Trichromacy



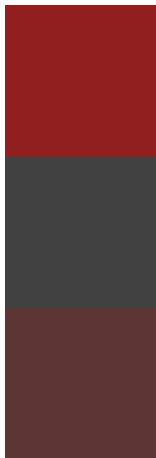
**Original Color**  
921F1F

**Protanomaly**  
6B3C27

**Deuteranomaly**  
733A19

**Tritanomaly**  
921F1F

# Monochromacy



**Original Color**  
921F1F

**Achromatopsia**  
414141

**Achromatomaly**  
5E3535

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 921F1F 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 #921F1F looks like.

```
.text, #text, p{  
    color:#921F1F  
}
```

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 #921F1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #921F1F
}
```

## Border

The CSS property to change the border of an element to Hex 921F1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

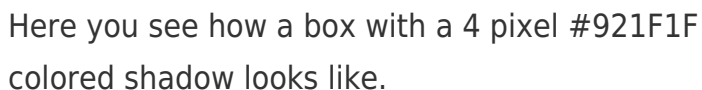
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#921F1F }
```

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

```
.border{ border-color:#921F1F }
```

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



Here you see how a box with a 4 pixel #921F1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #921F1F; -webkit-box-shadow:4px 4px  
4px 4px #921F1F; box-shadow:4px 4px 4px  
4px #921F1F }
```

# Background

The CSS property to change the background color of an element to Hex 921F1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#921F1F }
```

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

```
.background{ background-color:#921F1F }
```

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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