

# Converting Colors

Hex(890F1F)

Have a look what the booklet for  
Hex(890F1F) contains.

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# Color

**Hex(890F1F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	890F1F
RGB	137, 15, 31
RGB Percent	54%, 6%, 12%
CMY	0.4627, 0.9412, 0.8784
CMYK	0.00, 0.89, 0.77, 0.46
HSL	352°, 80%, 30%
HSV	352°, 89%, 54%
XYZ	10.7347, 5.7589, 1.8421
YIQ	53.3020, 67.5760, 30.8400

# Conversions

## Conversions Part 2

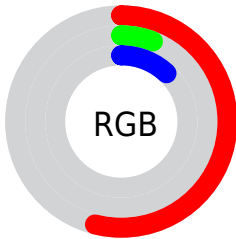
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 15, 31
Decimal	8982303
CIE Lab	28.80, 48.60, 25.89
CIE LCh	29, 55.067, 28.046
Yxy	5.7589, 0.5855, 0.3141
Android (android.graphics.Color)	4287172383 (0xFF890F1F)
YUV	53.3020, -10.9949, 73.4031
Hunter-Lab	23.9978, 37.8503, 12.2472

# Details

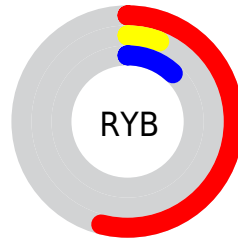
The Hex color **890F1F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **0F8979**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **C54B4B**, and **4F0000** is the 20% darker color. If you saturate the color by 10%, you get **890113**, and if you desaturate by 10%, it is **891D2B**.

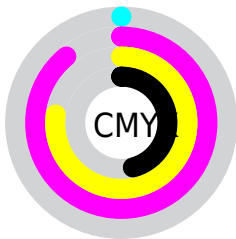
# Distribution



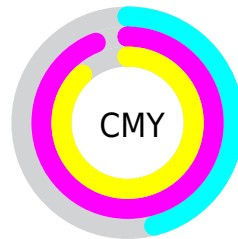
- Red (54%)
- Green (6%)
- Blue (12%)



- Red (54%)
- Yellow (6%)
- Blue (12%)



- Cyan (0%)
- Magenta (89%)
- Yellow (77%)
- Black (46%)



- Cyan (46%)
- Magenta (94%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 890F1F 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 890F1F by changing the saturation by 10% instead.



 890F1F

 890F1F

FFFFFF

 6C0009


 C54B4B

 4F0000

 E36663

 350002

 FF817C

 010000

 FF9C96

 000000

 FFB8B0

 FFD5CC

 FFF2E8

 890F1F

 890F1F

■ 890113

■ 891D2B

■ 890012

■ 892A37

■ 893843

■ 89464F

■ 89545B

■ 896166

■ 896F72

■ 897D7E

■ 898A8A

# Harmonies

## Analogous

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



8A0049



890F1F



762E00

# Triad

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



890F1F



005311



004B9A

# Complementary

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



890F1F



0F8979

# 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.



00538C



890F1F



005540

# Square

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



890F1F



2D4D00



00566B



353A90

# Rectangle

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



890F1F



623C00



00566B



004E98



# Sweetspot

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



890F1F



B38289



790F89



593D40



D9D9D9



595959



# Same Dimension

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



890F1F



B30017



893C0F



453E3F



850011



050001



# Inverse Universe

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



890F1F



B30017



0F5C89



453E3F



850011

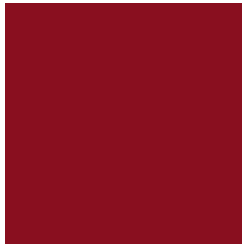


050001



# Previews

## White Background



This preview shows how the Hex color 890F1F looks on a white background.

## Color Contrast Check

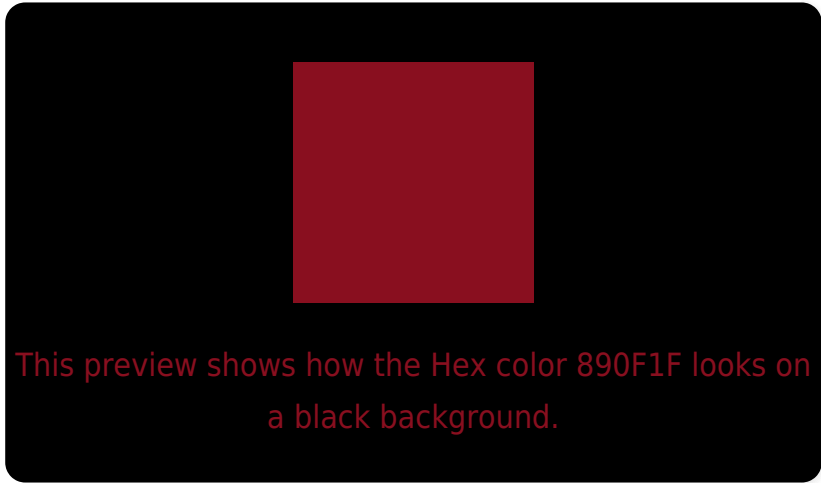
Large Text (above 18pt) WCAG AA ✓ Pass

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 890F1F Background



This preview shows how black text looks on a background with the Hex color 890F1F.



This preview shows how white text looks on a background with the Hex color 890F1F.

# 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**  
890F1F

**Protanopia**  
4C462E

**Deuteranopia**  
584317



**Tritanopia**  
891210

# Trichromacy



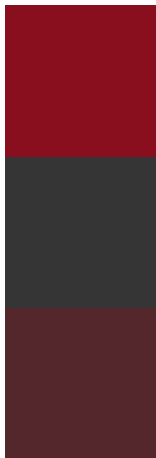
**Original Color**  
890F1F

**Protanomaly**  
623229

**Deuteranomaly**  
6A301A

**Tritanomaly**  
891115

# Monochromacy



**Original Color**  
890F1F

**Achromatopsia**  
353535

**Achromatomaly**  
54272D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 890F1F 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 #890F1F looks like.

```
.text, #text, p{  
    color:#890F1F  
}
```

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 #890F1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #890F1F
}
```

## Border

The CSS property to change the border of an element to Hex 890F1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

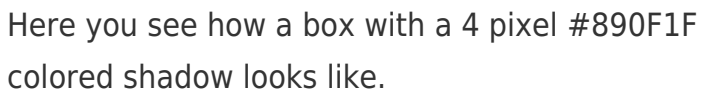
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#890F1F }
```

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

```
.border{ border-color:#890F1F }
```

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



Here you see how a box with a 4 pixel #890F1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #890F1F; -webkit-box-shadow:4px 4px  
4px 4px #890F1F; box-shadow:4px 4px 4px  
4px #890F1F }
```

# Background

The CSS property to change the background color of an element to Hex 890F1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#890F1F }
```

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

```
.background{ background-color:#890F1F }
```

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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