

# Converting Colors

Hex(8F1F00)

Have a look what the booklet for  
Hex(8F1F00) contains.

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# Color

**Hex(8F1F00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8F1F00
RGB	143, 31, 0
RGB Percent	56%, 12%, 0%
CMY	0.4392, 0.8784, 1.0000
CMYK	0.00, 0.78, 1.00, 0.44
HSL	13°, 100%, 28%
HSV	13°, 100%, 56%
XYZ	11.8177, 6.8196, 0.6935
YIQ	60.9540, 76.7030, 14.1030

# Conversions

## Conversions Part 2

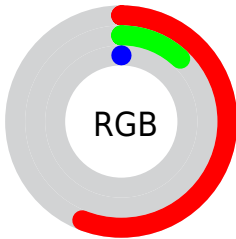
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 40, 0
Decimal	9379584
CIE Lab	31.39, 45.28, 44.21
CIE LCh	31, 63.279, 44.314
Yxy	6.8196, 0.6113, 0.3528
Android (android.graphics.Color)	4287569664 (0xFF8F1F00)
YUV	60.9540, -30.0503, 71.9543
Hunter-Lab	26.1144, 35.0773, 16.7057

# Details

The Hex color **8F1F00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **00708F**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **CC5530**, and **530000** is the 20% darker color. If you saturate the color by 10%, you get **8F1F00**, and if you desaturate by 10%, it is **8F2A0E**.

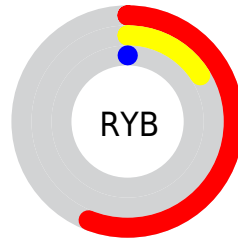
# Distribution



Red (56%)

Green (12%)

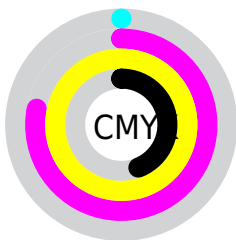
Blue (0%)



Red (56%)

Yellow (16%)

Blue (0%)

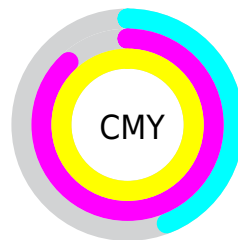


Cyan (0%)

Magenta (78%)

Yellow (100%)

Black (44%)



Cyan (44%)

Magenta (88%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F1F00 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 8F1F00 by changing the saturation by 10% instead.



 8F1F00

 8F1F00

 FFFFE7

 710000

 CC5530

 530000

 EC6F48

 390001

 FF8A60

 130000

 FFA67A

 000000

 FFC294

 FFDEAF

 FFFBCB

 8F1F00

 8F2A0E

 8F351D

 8F412B

 8F4C39

 8F5748

 8F6256

 8F6D64

 8F7972

 8F8481

# Harmonies

## Analogous

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



9D0035



8F1F00



703E00

# Triad

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



8F1F00



005C2D



0049AC

# Complementary

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



8F1F00



00708F

# 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.



0057AB



8F1F00



005E61

# Square

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



8F1F00



005800



005D8F



672D92

# Rectangle

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



8F1F00



554A00



005D8F



004FAF



# Sweetspot

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



8F1F00



BA8E82



8F0070



5E443C



DEDEDE



5E5E5E



# Same Dimension

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



8F1F00



BA2800



8F6600



474240



871D00



080200



# Inverse Universe

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



00708F



0092BA



00298F



404647



006A87

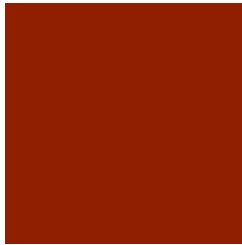


000608



# Previews

## White Background



This preview shows how the Hex color 8F1F00 looks on a white background.

## Color Contrast Check

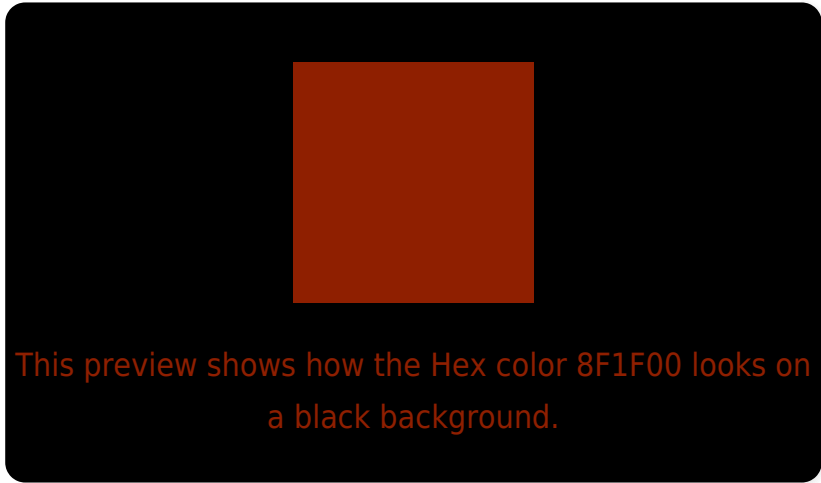
Large Text (above 18pt) WCAG AA ✓ Pass

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 8F1F00 Background



This preview shows how black text looks on a background with the Hex color 8F1F00.



This preview shows how white text looks on a background with the Hex color 8F1F00.

# 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**  
8F1F00

**Protanopia**  
554C11

**Deuteranopia**  
5F4800



**Tritanopia**  
8F1D1D

# Trichromacy



**Original Color**  
8F1F00

**Protanomaly**  
6A3C0B

**Deuteranomaly**  
703900

**Tritanomaly**  
8F1E12

# Monochromacy



**Original Color**  
8F1F00

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
5B3227

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F1F00 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 #8F1F00 looks like.

```
.text, #text, p{  
    color:#8F1F00  
}
```

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 #8F1F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F1F00
}
```

## Border

The CSS property to change the border of an element to Hex 8F1F00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

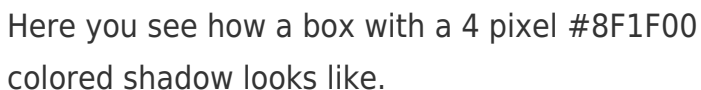
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8F1F00 }
```

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

```
.border{ border-color:#8F1F00 }
```

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



Here you see how a box with a 4 pixel #8F1F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F1F00; -webkit-box-shadow:4px 4px  
4px 4px #8F1F00; box-shadow:4px 4px 4px  
4px #8F1F00 }
```

# Background

The CSS property to change the background color of an element to Hex 8F1F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F1F00 }
```

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

```
.background{ background-color:#8F1F00 }
```

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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