

# Converting Colors

Hex(8A361F)

Have a look what the booklet for  
Hex(8A361F) contains.

<b>Hex(8A361F)</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(8A361F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A361F
RGB	138, 54, 31
RGB Percent	54%, 21%, 12%
CMY	0.4588, 0.7882, 0.8784
CMYK	0.00, 0.61, 0.78, 0.46
HSL	13°, 63%, 33%
HSV	13°, 78%, 54%
XYZ	12.0477, 8.1405, 2.2326
YIQ	76.4940, 57.4470, 10.6550

# Conversions

## Conversions Part 2

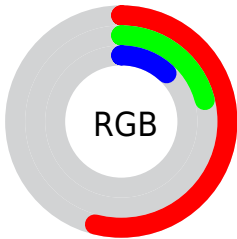
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 60, 31
Decimal	9057823
CIE <sub>Lab</sub>	34.27, 34.47, 31.94
CIE <sub>LCh</sub>	34, 46.989, 42.819
Yxy	8.1405, 0.5373, 0.3631
Android (android.graphics.Color)	4287247903 (0xFF8A361F)
YUV	76.4940, -22.4285, 53.9408
Hunter-Lab	28.5316, 25.4428, 15.3327

# Details

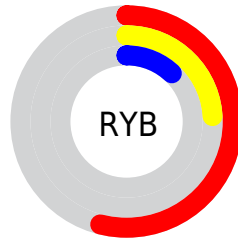
The Hex color **8A361F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1F738A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **C5684C**, and **510100** is the 20% darker color. If you saturate the color by 10%, you get **8A2B11**, and if you desaturate by 10%, it is **8A412D**.

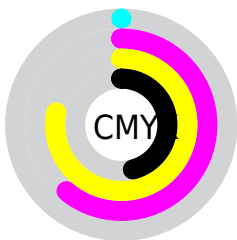
# Distribution



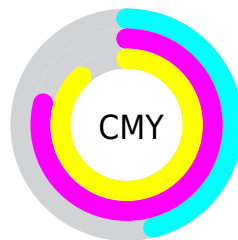
- Red (54%)
- Green (21%)
- Blue (12%)



- Red (54%)
- Yellow (24%)
- Blue (12%)



- Cyan (0%)
- Magenta (61%)
- Yellow (78%)
- Black (46%)



- Cyan (46%)
- Magenta (79%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A361F 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 8A361F by changing the saturation by 10% instead.





8A361F



8A361F

FFFFFF



6D1D09



C5684C



510100



E38265



360000



FF9D7E



150000



FFB898



000000



FFD4B3



FFF1CF



FFFFEB



8A361F



8A361F

■ 8A2B11

■ 8A412D

■ 8A2003

■ 8A4C3B

■ 8A1E00

■ 8A5748

■ 8A6156

■ 8A6C64

■ 8A7772

■ 8A8280

■ 8A8D8D

■ 8A989B

# Harmonies

## Analogous

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



932942



8A361F



734700

# Triad

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



8A361F



006039



11509A

# Complementary

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



8A361F



1F738A

# 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.



005B98



8A361F



006260

# Square

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



8A361F



275C13



006083



663F88

# Rectangle

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



8A361F



5F5000



006083



00549C



# Sweetspot

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



8A361F



B39289



8A1F75



594640



D9D9D9



595959



# Same Dimension

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



8A361F



B3300C



8A6A1F



453F3E



851D00



050100



# Inverse Universe

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



1F738A



0C8FB3



1F3F8A



3E4345



006885



000405



# Previews

## White Background



This preview shows how the Hex color 8A361F looks on a white background.

## Color Contrast Check

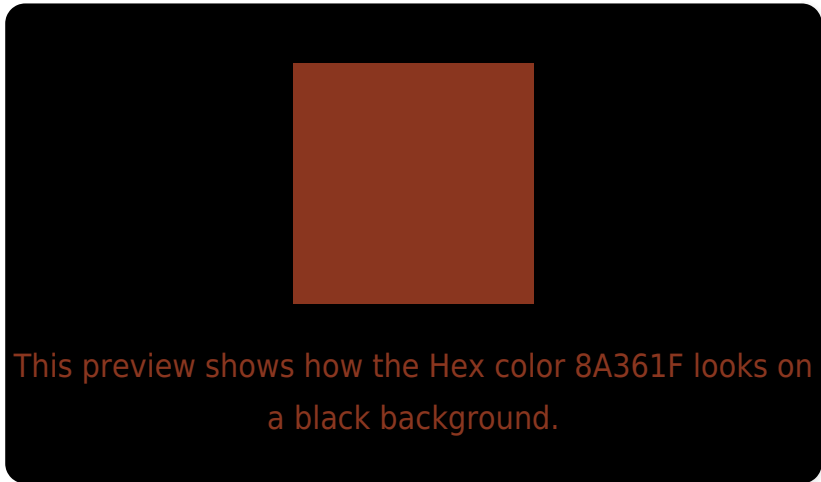
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A361F Background



This preview shows how black text looks on a background with the Hex color 8A361F.



This preview shows how white text looks on a background with the Hex color 8A361F.

# 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**  
8A361F

**Protanopia**  
5A5227

**Deuteranopia**  
664D19



**Tritanopia**  
8B3336

# Trichromacy



**Original Color**  
8A361F

**Protanomaly**  
6B4824

**Deuteranomaly**  
73451B

**Tritanomaly**  
8B342E

# Monochromacy



**Original Color**  
8A361F

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
63443C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A361F 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 #8A361F looks like.

```
.text, #text, p{  
    color:#8A361F  
}
```

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 #8A361F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A361F
}
```

## Border

The CSS property to change the border of an element to Hex 8A361F is called "border". The border property can be set on classes, ids or directly on the HTML element.

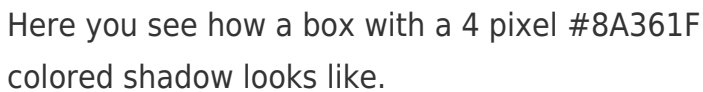
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A361F }
```

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

```
.border{ border-color:#8A361F }
```

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



Here you see how a box with a 4 pixel #8A361F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A361F; -webkit-box-shadow:4px 4px  
4px 4px #8A361F; box-shadow:4px 4px 4px  
4px #8A361F }
```

# Background

The CSS property to change the background color of an element to Hex 8A361F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A361F }
```

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

```
.background{ background-color:#8A361F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor