

Converting Colors

Hex(87351F)

Have a look what the booklet for
Hex(87351F) contains.

Hex(87351F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(87351F)

Conversions

Conversions Part 1

Format	Color
Hex	87351F
RGB	135, 53, 31
RGB Percent	53%, 21%, 12%
CMY	0.4706, 0.7922, 0.8784
CMYK	0.00, 0.61, 0.77, 0.47
HSL	13°, 63%, 33%
HSV	13°, 77%, 53%
XYZ	11.5121, 7.7960, 2.1944
YIQ	75.0100, 55.9340, 10.5420

Conversions

Conversions Part 2

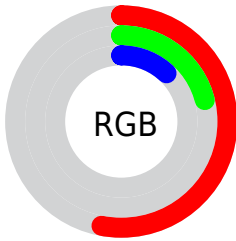
Format	Color
R_{YB}	135, 59, 31
Decimal	8860959
CIE Lab	33.55, 33.79, 31.01
CIE LCh	34, 45.864, 42.546
Yxy	7.7960, 0.5354, 0.3626
Android (android.graphics.Color)	4287051039 (0xFF87351F)
YUV	75.0100, -21.6969, 52.6112
Hunter-Lab	27.9214, 24.7339, 14.8853

Details

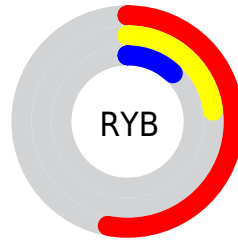
The Hex color **87351F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **1F7187**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **C1674C**, and **4F0100** is the 20% darker color. If you saturate the color by 10%, you get **872A12**, and if you desaturate by 10%, it is **87402D**.

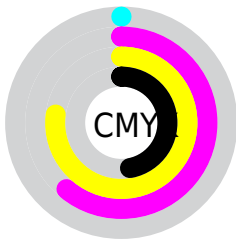
Distribution



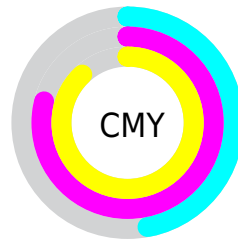
- Red (53%)
- Green (21%)
- Blue (12%)



- Red (53%)
- Yellow (23%)
- Blue (12%)



- Cyan (0%)
- Magenta (61%)
- Yellow (77%)
- Black (47%)



- Cyan (47%)
- Magenta (79%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the Hex color 87351F 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 87351F by changing the saturation by 10% instead.

 87351F

 87351F

FFFFFF

 6B1C09

 C1674C

 4F0100

 DF8165

 340000

 FE9B7E

 0F0000

 FFB798

 000000

 FFD2B3

 FFEFCE

 FFFFEB

 87351F

 87351F

■ 872A12

■ 87402D

■ 872004

■ 874A3A

■ 871D00

■ 875548

■ 876055

■ 876A63

■ 877570

■ 87807E

■ 878A8B

■ 879599

Harmonies

Analogous

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



8F2841



87351F



714500

Triad

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



87351F



005E38



114E96

Complementary

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



87351F



1F7187

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.



005994



87351F



005F5E

Square

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



87351F



285A13



005E7F



633E85

Rectangle

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



87351F



5D4E00



005E7F



005298

Sweetspot

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



87351F



B09087



871F72



594640



D9D9D9



595959

Same Dimension

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



87351F



B0300E



87681F



423D3C



821C00



030100

Inverse Universe

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



1F7187



0E8EB0



1F3E87



3C4142



006782



000203

Previews

White Background



This preview shows how the Hex color 87351F looks on a white background.

Color Contrast Check

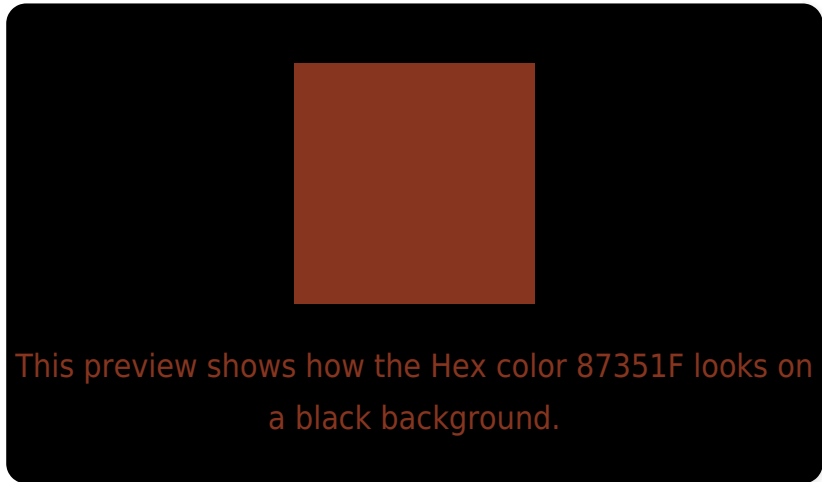
Large Text (above 18pt) WCAG AA ✓ Pass

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 87351F Background



This preview shows how black text looks on a background with the Hex color 87351F.

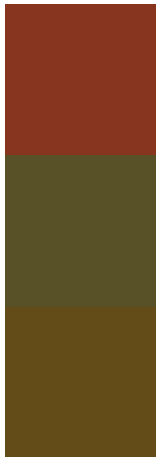


This preview shows how white text looks on a background with the Hex color 87351F.

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
87351F

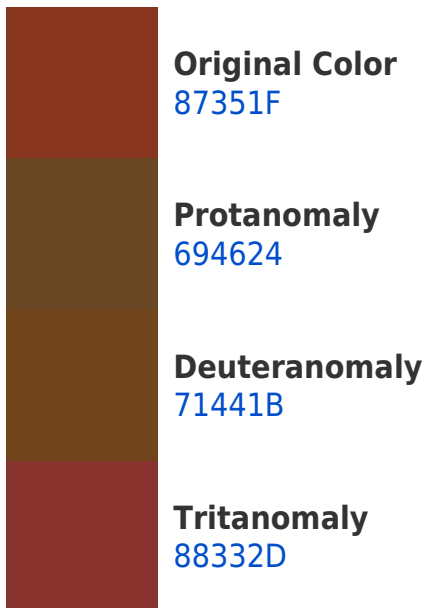
Protanopia
585027

Deuteranopia
644C19

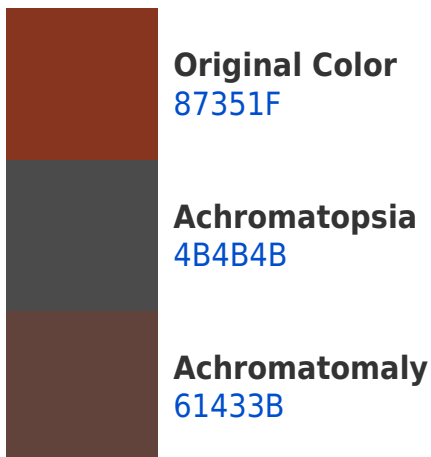


Tritanopia
883235

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87351F 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 #87351F looks like.

```
.text, #text, p{  
    color:#87351F  
}
```

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 #87351F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87351F
}
```

Border

The CSS property to change the border of an element to Hex 87351F is called "border". The border property can be set on classes, ids or directly on the HTML element.

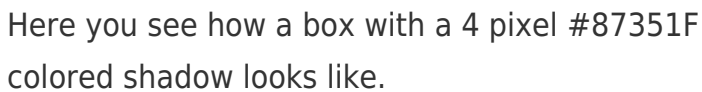
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87351F }
```

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

```
.border{ border-color:#87351F }
```

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



Here you see how a box with a 4 pixel `#87351F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87351F; -webkit-box-shadow:4px 4px  
4px 4px #87351F; box-shadow:4px 4px 4px  
4px #87351F }
```

Background

The CSS property to change the background color of an element to Hex 87351F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87351F }
```

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

```
.background{ background-color:#87351F }
```

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