

Converting Colors

Hex(83551F)

Have a look what the booklet for
Hex(83551F) contains.

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Color

Hex(83551F)

Conversions

Conversions Part 1

Format	Color
Hex	83551F
RGB	131, 85, 31
RGB Percent	51%, 33%, 12%
CMY	0.4863, 0.6667, 0.8784
CMYK	0.00, 0.35, 0.76, 0.49
HSL	32°, 62%, 32%
HSV	32°, 76%, 51%
XYZ	12.8559, 11.4212, 2.8233
YIQ	92.5980, 44.7500, -7.0420

Conversions

Conversions Part 2

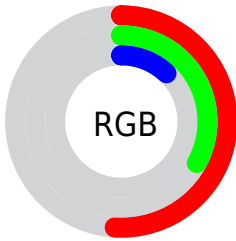
Format	Color
R_{YB}	116, 131, 31
Decimal	8607007
CIE _{Lab}	40.28, 14.07, 37.84
CIE _{LCh}	40, 40.371, 69.605
Yxy	11.4212, 0.4744, 0.4214
Android (android.graphics.Color)	4286797087 (0xFF83551F)
YUV	92.5980, -30.3678, 33.6786
Hunter-Lab	33.7953, 8.7605, 18.7036

Details

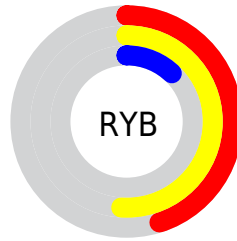
The Hex color **83551F** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1F4D83**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **BC874F**, and **4D2800** is the 20% darker color. If you saturate the color by 10%, you get **834F12**, and if you desaturate by 10%, it is **835B2C**.

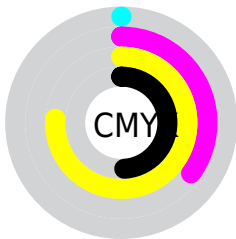
Distribution



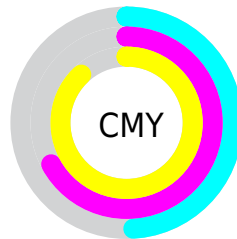
- Red (51%)
- Green (33%)
- Blue (12%)



- Red (45%)
- Yellow (51%)
- Blue (12%)



- Cyan (0%)
- Magenta (35%)
- Yellow (76%)
- Black (49%)



- Cyan (49%)
- Magenta (67%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83551F 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 83551F by changing the saturation by 10% instead.



83551F



83551F

FFFFFF



683E06



BC874F



4D2800



D9A167



331300



F6BC81



1C0000



FFD89B



000000



FFF4B7



FFFFD3



FFFFEF



83551F



83551F

■ 834F12

■ 835B2C

■ 834905

■ 836139

■ 834700

■ 836746

■ 836D53

■ 837361

■ 83796E

■ 837F7B

■ 838588

■ 838B95

Harmonies

Analogous

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



964836



83551F



676118

Triad

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



83551F



006F69



6F5292

Complementary

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



83551F



1F4D83

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.



325FA0



83551F



006E88

Square

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



83551F



006D47



00699C



8F4577

Rectangle

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



83551F



506721



00699C



5F5699

Sweetspot

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



83551F



AB9984



831F4E



574C3E



D6D6D6



575757

Same Dimension

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



83551F



AB630E



80831F



423F3C



824600



030100

Inverse Universe

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



1F4D83



0E56AB



221F83



3C3F42



003C82



000103

Previews

White Background



This preview shows how the Hex color 83551F looks on a white background.

Color Contrast Check

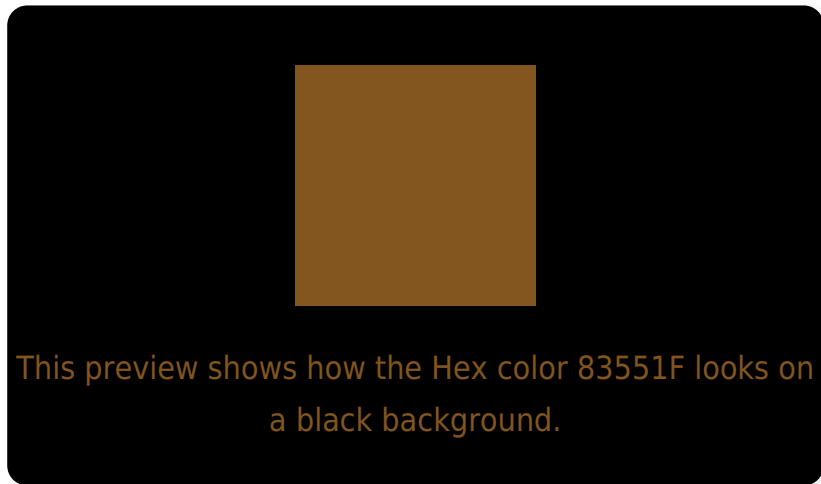
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 83551F Background



This preview shows how black text looks on a background with the Hex color 83551F.



This preview shows how white text looks on a background with the Hex color 83551F.

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
83551F

Protanopia
6B6022

Deuteranopia
785B1D



Tritanopia
865055

Trichromacy



Original Color
83551F

Protanomaly
745C21

Deuteranomaly
7C591E

Tritanomaly
85241

Monochromacy



Original Color
83551F

Achromatopsia
5D5D5D

Achromatomaly
6B5A46

CSS Examples

Text

The CSS property to change the color of the text to Hex 83551F 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 #83551F looks like.

```
.text, #text, p{  
    color:#83551F  
}
```

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 #83551F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83551F
}
```

Border

The CSS property to change the border of an element to Hex 83551F is called "border". The border property can be set on classes, ids or directly on the HTML element.

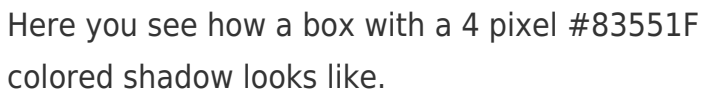
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83551F }
```

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

```
.border{ border-color:#83551F }
```

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



Here you see how a box with a 4 pixel #83551F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83551F; -webkit-box-shadow:4px 4px  
4px 4px #83551F; box-shadow:4px 4px 4px  
4px #83551F }
```

Background

The CSS property to change the background color of an element to Hex 83551F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83551F }
```

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

```
.background{ background-color:#83551F }
```

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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