

Converting Colors

Hex(835319)

Have a look what the booklet for
Hex(835319) contains.

Hex(835319)	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(835319)

Conversions

Conversions Part 1

Format	Color
Hex	835319
RGB	131, 83, 25
RGB Percent	51%, 33%, 10%
CMY	0.4863, 0.6745, 0.9020
CMYK	0.00, 0.37, 0.81, 0.49
HSL	33°, 68%, 31%
HSV	33°, 81%, 51%
XYZ	12.6288, 11.0820, 2.3931
YIQ	90.7400, 47.2260, -7.8620

Conversions

Conversions Part 2

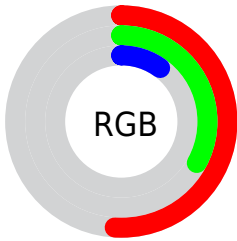
Format	Color
R_{YB}	113, 131, 25
Decimal	8606489
CIE _{Lab}	39.72, 14.97, 40.04
CIE _{LCh}	40, 42.751, 69.496
Yxy	11.0820, 0.4838, 0.4245
Android (android.graphics.Color)	4286796569 (0xFF835319)
YUV	90.7400, -32.4098, 35.3080
Hunter-Lab	33.2896, 9.4591, 19.0405

Details

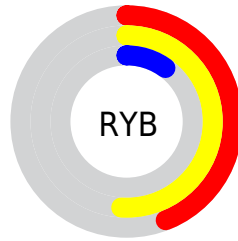
The Hex color **835319** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **194983**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **BC8549**, and **4D2600** is the 20% darker color. If you saturate the color by 10%, you get **834D0C**, and if you desaturate by 10%, it is **835926**.

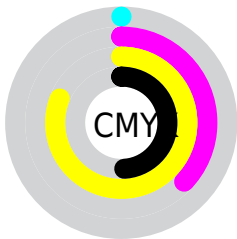
Distribution



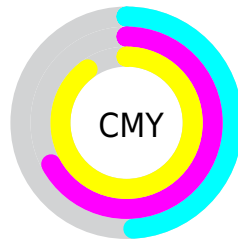
- Red (51%)
- Green (33%)
- Blue (10%)



- Red (44%)
- Yellow (51%)
- Blue (10%)



- Cyan (0%)
- Magenta (37%)
- Yellow (81%)
- Black (49%)



- Cyan (49%)
- Magenta (67%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 835319 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 835319 by changing the saturation by 10% instead.



835319



835319

FFFFFF



673C00



BC8549



4D2600



D99F62



321100



F7BA7B



1B0001



FFD596



000000



FFF2B1



FFF9CD



FFFFE9



835319



835319

■ 834D0C

■ 835926

■ 834800

■ 835F33

■ 836540

■ 836B4D

■ 83715A

■ 837768

■ 837D75

■ 838282

■ 83888F

Harmonies

Analogous

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



974533



835319



655F10

Triad

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



835319



006E68



6E5094

Complementary

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



835319



194983

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.



2A5EA3



835319



006D89

Square

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



835319



006D44



00689F



904177

Rectangle

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



835319



4D661B



00689F



5C559B

Sweetspot

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



835319



AB9882



83194A



574B3E



D6D6D6



575757

Same Dimension

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



835319



AB6005



7F8319



423F3C



824700



030100

Inverse Universe

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



194983



0550AB



1D1983



3C3F42



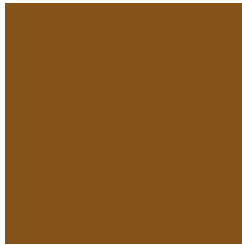
003B82



000103

Previews

White Background



This preview shows how the Hex color 835319 looks on a white background.

Color Contrast Check

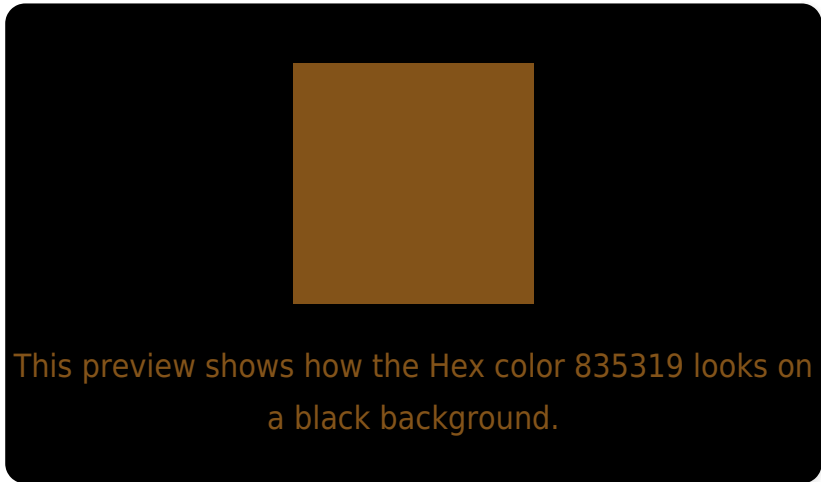
Large Text (above 18pt) WCAG AA ✓ Pass

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 835319 Background



This preview shows how black text looks on a background with the Hex color 835319.



This preview shows how white text looks on a background with the Hex color 835319.

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
835319

Protanopia
695E1C

Deuteranopia
765916



Tritanopia
864E53

Trichromacy



Original Color
835319

Protanomaly
725A1B

Deuteranomaly
7B5717

Tritanomaly
85503E

Monochromacy



Original Color
835319

Achromatopsia
5B5B5B

Achromatomaly
6A5843

CSS Examples

Text

The CSS property to change the color of the text to Hex 835319 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 #835319 looks like.

```
.text, #text, p{  
    color:#835319  
}
```

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 #835319 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #835319
}
```

Border

The CSS property to change the border of an element to Hex 835319 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
#835319 }
```

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

```
.border{ border-color:#835319 }
```

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

Here you see how a box with a 4 pixel #835319 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #835319; -webkit-box-shadow:4px 4px  
4px 4px #835319; box-shadow:4px 4px 4px  
4px #835319 }
```

Background

The CSS property to change the background color of an element to Hex 835319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#835319 }
```

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

```
.background{ background-color:#835319 }
```

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