

Converting Colors

Hex(835217)

Have a look what the booklet for
Hex(835217) contains.

| | |
|--|----|
| Hex(835217) | 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(835217)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 835217 |
| RGB | 131, 82, 23 |
| RGB Percent | 51%, 32%, 9% |
| CMY | 0.4863, 0.6784, 0.9098 |
| CMYK | 0.00, 0.37, 0.82, 0.49 |
| HSL | 33°, 70%, 30% |
| HSV | 33°, 82%, 51% |
| XYZ | 12.5320, 10.9217, 2.2582 |
| YIQ | 89.9250, 48.1430, -7.9610 |

Conversions

Conversions Part 2

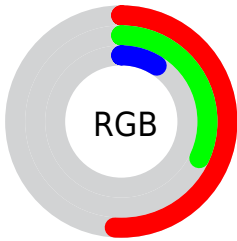
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 113, 131, 23 |
| Decimal | 8606231 |
| CIE Lab | 39.45, 15.48, 40.65 |
| CIE LCh | 39, 43.500, 69.147 |
| Yxy | 10.9217, 0.4874, 0.4248 |
| Android (android.graphics.Color) | 4286796311 (0xFF835217) |
| YUV | 89.9250, -32.9940, 36.0228 |
| Hunter-Lab | 33.0481, 9.8542, 19.0823 |

Details

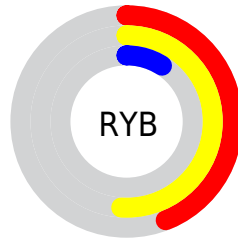
The Hex color **835217** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **174883**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **BC8347**, and **4D2500** is the 20% darker color. If you saturate the color by 10%, you get **834C0A**, and if you desaturate by 10%, it is **835824**.

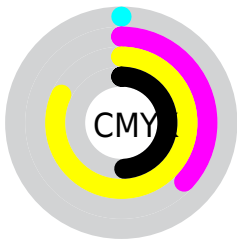
Distribution



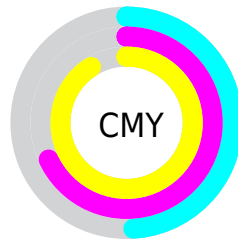
- Red (51%)
- Green (32%)
- Blue (9%)



- Red (44%)
- Yellow (51%)
- Blue (9%)



- Cyan (0%)
- Magenta (37%)
- Yellow (82%)
- Black (49%)



- Cyan (49%)
- Magenta (68%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 835217 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 835217 by changing the saturation by 10% instead.

 835217

 835217

FFFFFF

 673B00

 BC8347

 4D2500

 D99E60

 321000

 F7B97A

 1A0001

 FFD494

 000000

 FFF1AF

 FFFFCB

 FFFFE7

 835217

 835217

■ 834C0A

■ 835824

■ 834800

■ 835E31

■ 83643E

■ 836A4B

■ 837058

■ 837666

■ 837C73

■ 838280

■ 83878D

Harmonies

Analogous

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



974432



835217



655F0D

Triad

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



835217



006E67



6D4F94

Complementary

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



835217



174883

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.



255DA3



835217



006D89

Square

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



835217



006C42



00679F



904077

Rectangle

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



835217



4D6519



00679F



5B549B

Sweetspot

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



835217



AB9780



831749



574B3D



D6D6D6



575757

Same Dimension

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



835217



AB5E02



7F8317



423F3C



824700



030100

Inverse Universe

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



174883



024EAB



1B1783



3C3F42



003B82



000103

Previews

White Background



This preview shows how the Hex color 835217 looks on a white background.

Color Contrast Check

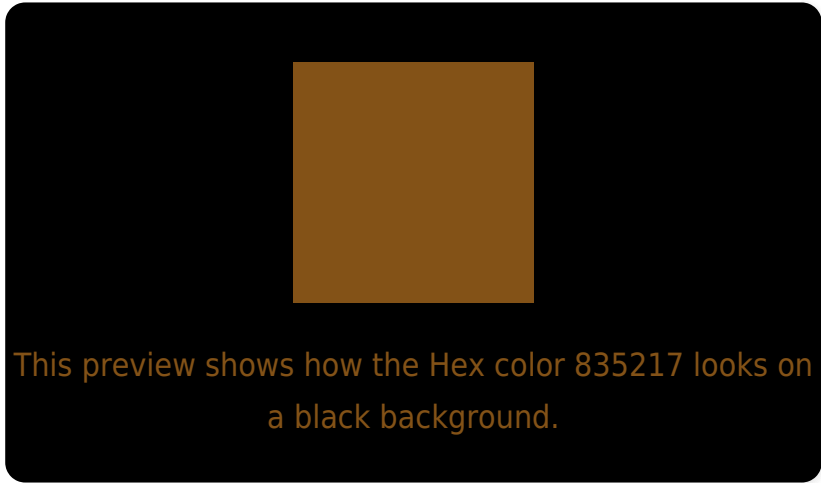
Large Text (above 18pt) WCAG AA ✓ Pass

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 835217 Background



This preview shows how black text looks on a background with the Hex color 835217.



This preview shows how white text looks on a background with the Hex color 835217.

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
835217

Protanopia
695E1A

Deuteranopia
765914



Tritanopia
864D52

Trichromacy



Original Color
835217

Protanomaly
725A19

Deuteranomaly
7B5615

Tritanomaly
854F3D

Monochromacy



Original Color
835217

Achromatopsia
5A5A5A

Achromatomaly
695742

CSS Examples

Text

The CSS property to change the color of the text to Hex 835217 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 #835217 looks like.

```
.text, #text, p{  
    color:#835217  
}
```

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 #835217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #835217
}
```

Border

The CSS property to change the border of an element to Hex 835217 is called "border". The border property can be set on classes, ids or directly on the HTML element.

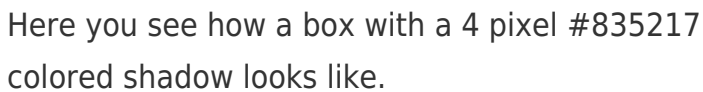
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#835217 }
```

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

```
.border{ border-color:#835217 }
```

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



Here you see how a box with a 4 pixel #835217 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #835217; -webkit-box-shadow:4px 4px  
4px 4px #835217; box-shadow:4px 4px 4px  
4px #835217 }
```

Background

The CSS property to change the background color of an element to Hex 835217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#835217 }
```

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

```
.background{ background-color:#835217 }
```

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