

Converting Colors

Hex(835A13)

Have a look what the booklet for
Hex(835A13) contains.

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Color

Hex(835A13)

Conversions

Conversions Part 1

Format	Color
Hex	835A13
RGB	131, 90, 19
RGB Percent	51%, 35%, 7%
CMY	0.4863, 0.6471, 0.9255
CMYK	0.00, 0.31, 0.85, 0.49
HSL	38°, 75%, 29%
HSV	38°, 85%, 51%
XYZ	13.1338, 12.1846, 2.2757
YIQ	94.1650, 47.2270, -13.3890

Conversions

Conversions Part 2

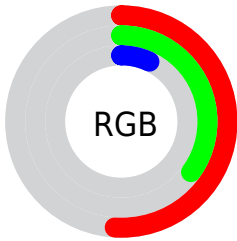
Format	Color
R_{YB}	84, 131, 19
Decimal	8608275
CIE Lab	41.51, 10.62, 44.06
CIE LCh	42, 45.321, 76.453
Yxy	12.1846, 0.4760, 0.4416
Android (android.graphics.Color)	4286798355 (0xFF835A13)
YUV	94.1650, -37.0563, 32.3043
Hunter-Lab	34.9065, 6.0753, 20.5691

Details

The Hex color **835A13** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **133C83**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **BC8C45**, and **4D2D00** is the 20% darker color. If you saturate the color by 10%, you get **835506**, and if you desaturate by 10%, it is **835F20**.

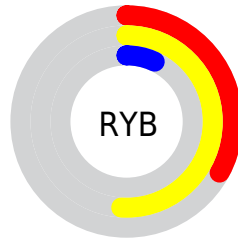
Distribution



Red (51%)

Green (35%)

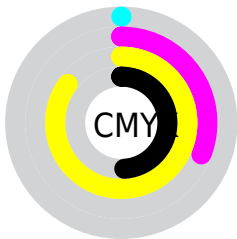
Blue (7%)



Red (33%)

Yellow (51%)

Blue (7%)

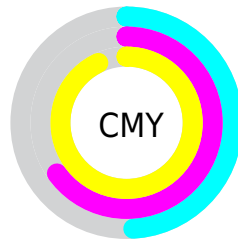


Cyan (0%)

Magenta (31%)

Yellow (85%)

Black (49%)



Cyan (49%)

Magenta (65%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 835A13 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 835A13 by changing the saturation by 10% instead.



835A13



835A13

FFFFFF



684300



BC8C45



4D2D00



D9A65E



331800



F7C178



1B0000



FFDD92



000000



FFFAAD



FFFFC9



FFFFE6



835A13



835A13

■ 835506

■ 835F20

■ 835300

■ 83642D

■ 83683A

■ 836D47

■ 837255

■ 837762

■ 837C6F

■ 83807C

■ 838589

Harmonies

Analogous

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



9B4B2D



835A13



626611

Triad

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



835A13



007476



7E4F96

Complementary

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



835A13



133C83

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.



415FAA



835A13



007197

Square

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



835A13



00734F



006BAA



9D4174

Rectangle

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



835A13



466C21



006BAA



6E559E

Sweetspot

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



835A13



AB9B7E



83133C



574D3C



D6D6D6



575757

Same Dimension

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



835A13



AB6C00



748313



42403C



825200



030200

Inverse Universe

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



133C83



003FAB



221383



3C3E42



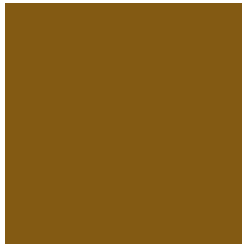
003082



000103

Previews

White Background



This preview shows how the Hex color 835A13 looks on a white background.

Color Contrast Check

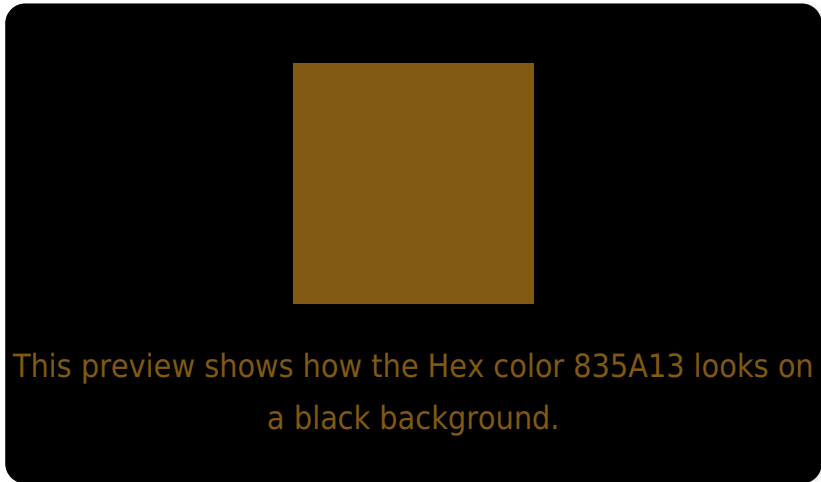
Large Text (above 18pt) WCAG AA ✓ Pass

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 835A13 Background



This preview shows how black text looks on a background with the Hex color 835A13.



This preview shows how white text looks on a background with the Hex color 835A13.

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
835A13

Protanopia
6F6315

Deuteranopia
7C5D11



Tritanopia
87545A

Trichromacy



Original Color
835A13

Protanomaly
766014

Deuteranomaly
7F5C12

Tritanomaly
865640

Monochromacy



Original Color
835A13

Achromatopsia
5E5E5E

Achromatomaly
6B5D43

CSS Examples

Text

The CSS property to change the color of the text to Hex 835A13 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 #835A13 looks like.

```
.text, #text, p{  
    color:#835A13  
}
```

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 #835A13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #835A13
}
```

Border

The CSS property to change the border of an element to Hex 835A13 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
#835A13 }
```

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

```
.border{ border-color:#835A13 }
```

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

Here you see how a box with a 4 pixel #835A13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #835A13; -webkit-box-shadow:4px 4px  
4px 4px #835A13; box-shadow:4px 4px 4px  
4px #835A13 }
```

Background

The CSS property to change the background color of an element to Hex 835A13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#835A13 }
```

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

```
.background{ background-color:#835A13 }
```

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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