

Converting Colors

Hex(855D19)

Have a look what the booklet for
Hex(855D19) contains.

| | |
|--|----|
| Hex(855D19) | 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(855D19)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 855D19 |
| RGB | 133, 93, 25 |
| RGB Percent | 52%, 36%, 10% |
| CMY | 0.4784, 0.6353, 0.9020 |
| CMYK | 0.00, 0.30, 0.81, 0.48 |
| HSL | 38°, 68%, 31% |
| HSV | 38°, 81%, 52% |
| XYZ | 13.7627, 12.8854, 2.6815 |
| YIQ | 97.2080, 45.6680, -12.6680 |

Conversions

Conversions Part 2

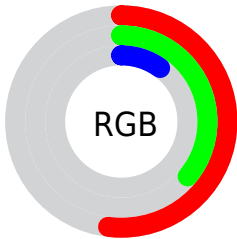
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 89, 133, 25 |
| Decimal | 8740121 |
| CIE Lab | 42.59, 10.01, 42.83 |
| CIE LCh | 43, 43.985, 76.840 |
| Yxy | 12.8854, 0.4692, 0.4393 |
| Android (android.graphics.Color) | 4286930201 (0xFF855D19) |
| YUV | 97.2080, -35.5985, 31.3896 |
| Hunter-Lab | 35.8963, 5.6186, 20.6984 |

Details

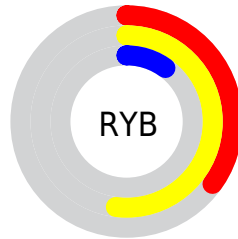
The Hex color **855D19** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **194185**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **BE8F4A**, and **4F2F00** is the 20% darker color. If you saturate the color by 10%, you get **85580C**, and if you desaturate by 10%, it is **856226**.

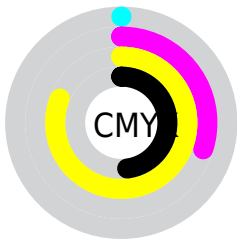
Distribution



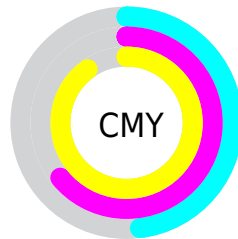
- Red (52%)
- Green (36%)
- Blue (10%)



- Red (35%)
- Yellow (52%)
- Blue (10%)



- Cyan (0%)
- Magenta (30%)
- Yellow (81%)
- Black (48%)



- Cyan (48%)
- Magenta (64%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 855D19 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 855D19 by changing the saturation by 10% instead.

 855D19

 855D19

FFFFFF

 6A4600

 BE8F4A

 4F2F00

 DBAA63

 351B00

 F9C57D

 1D0100

 FFE198

 000000

 FFFDB3

 FFFFCE

 FFFFEB

 855D19

 855D19

■ 85580C

■ 856226

■ 855400

■ 856734

■ 856C41

■ 85714E

■ 85765C

■ 857B69

■ 857F76

■ 858483

■ 858991

Harmonies

Analogous

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



9D4F31



855D19



646918

Triad

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



855D19



007678



805297

Complementary

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



855D19



194185

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.



4761AA



855D19



007499

Square

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



855D19



007553



006DAB



9E4576

Rectangle

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



855D19



4A6F26



006DAB



71579F

Sweetspot

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



855D19



AD9E84



851942



574D3E



D6D6D6



575757

Same Dimension

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



855D19



AD6F05



788519



42403C



825200



030200

Inverse Universe

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



194185



0543AD



261985



3C3E42



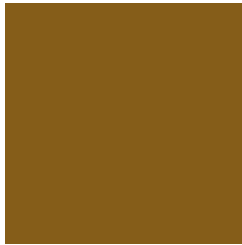
003082



000103

Previews

White Background



This preview shows how the Hex color 855D19 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 855D19 Background



This preview shows how black text looks on a background with the Hex color 855D19.



This preview shows how white text looks on a background with the Hex color 855D19.

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
855D19

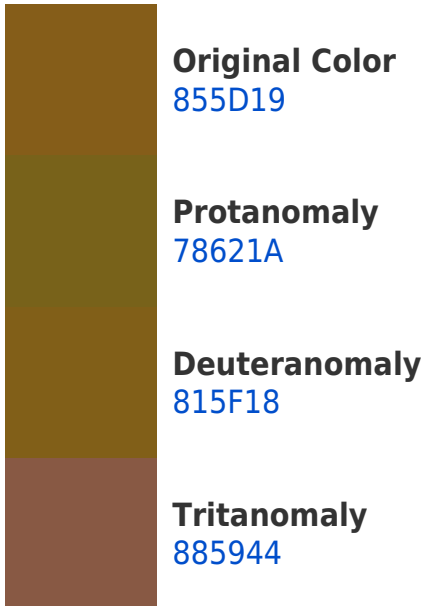
Protanopia
71651B

Deuteranopia
7F6018

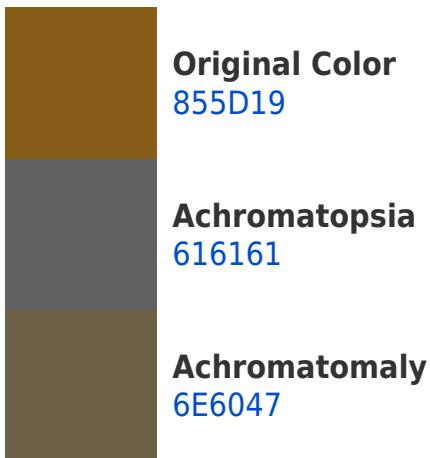


Tritanopia
89575D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 855D19 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 #855D19 looks like.

```
.text, #text, p{  
    color:#855D19  
}
```

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 #855D19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #855D19
}
```

Border

The CSS property to change the border of an element to Hex 855D19 is called "border". The border property can be set on classes, ids or directly on the HTML element.

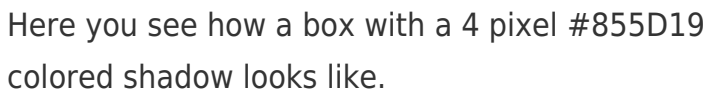
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#855D19 }
```

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

```
.border{ border-color:#855D19 }
```

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



Here you see how a box with a 4 pixel #855D19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #855D19; -webkit-box-shadow:4px 4px  
4px 4px #855D19; box-shadow:4px 4px 4px  
4px #855D19 }
```

Background

The CSS property to change the background color of an element to Hex 855D19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#855D19 }
```

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

```
.background{ background-color:#855D19 }
```

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