

Converting Colors

Hex(856C2D)

Have a look what the booklet for
Hex(856C2D) contains.

Hex(856C2D)	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(856C2D)

Conversions

Conversions Part 1

Format	Color
Hex	856C2D
RGB	133, 108, 45
RGB Percent	52%, 42%, 18%
CMY	0.4784, 0.5765, 0.8235
CMYK	0.00, 0.19, 0.66, 0.48
HSL	43°, 49%, 35%
HSV	43°, 66%, 52%
XYZ	15.5091, 15.9011, 4.7344
YIQ	108.2930, 35.1230, -14.2930

Conversions

Conversions Part 2

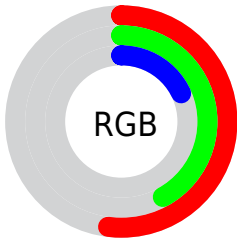
Format	Color
RYB	80, 133, 45
Decimal	8743981
CIELab	46.84, 2.34, 38.02
CIElCh	47, 38.096, 86.474
Yxy	15.9011, 0.4291, 0.4399
Android (android.graphics.Color)	4286934061 (0xFF856C2D)
YUV	108.2930, -31.2034, 21.6680
Hunter-Lab	39.8762, -0.3593, 20.8740

Details

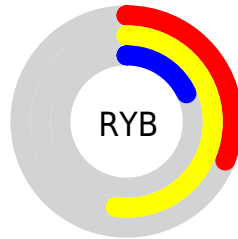
The Hex color **856C2D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2D4685**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **BD9F5E**, and **503D00** is the 20% darker color. If you saturate the color by 10%, you get **856820**, and if you desaturate by 10%, it is **85703A**.

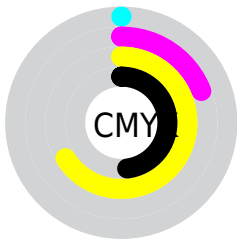
Distribution



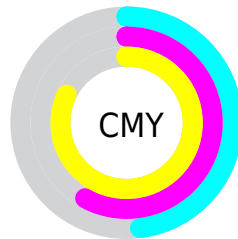
- Red (52%)
- Green (42%)
- Blue (18%)



- Red (31%)
- Yellow (52%)
- Blue (18%)



- Cyan (0%)
- Magenta (19%)
- Yellow (66%)
- Black (48%)



- Cyan (48%)
- Magenta (58%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 856C2D 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 856C2D by changing the saturation by 10% instead.



856C2D



856C2D

FFFFFF



6A5415



BD9F5E



503D00



D9BA77



372700



F7D691



1F1300



FFF2AC



000000



FFFFC8



FFFFE4



856C2D



856C2D



856820



85703A

■ 856412

■ 857448

■ 856105

■ 857755

■ 855F00

■ 857B62

■ 857F70

■ 85837D

■ 85868A

■ 858A97

■ 858EA5

Harmonies

Analogous

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



9D603A



856C2D



657633

Triad

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



856C2D



007F8B



935C93

Complementary

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



856C2D



2D4685

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.



6B68A8



856C2D



007BA4

Square

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



856C2D



007F6A



2774AF



A85474

Rectangle

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



856C2D



4C7A41



2774AF



88609B

Sweetspot

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



856C2D



ADA48B



852D47



575142



D6D6D6



575757

Same Dimension

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



856C2D



AD8624



73852D



42403C



825D00



030200

Inverse Universe

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



2D4685



244BAD



3F2D85



3C3E42



002582



000103

Previews

White Background



This preview shows how the Hex color 856C2D looks on a white background.

Color Contrast Check

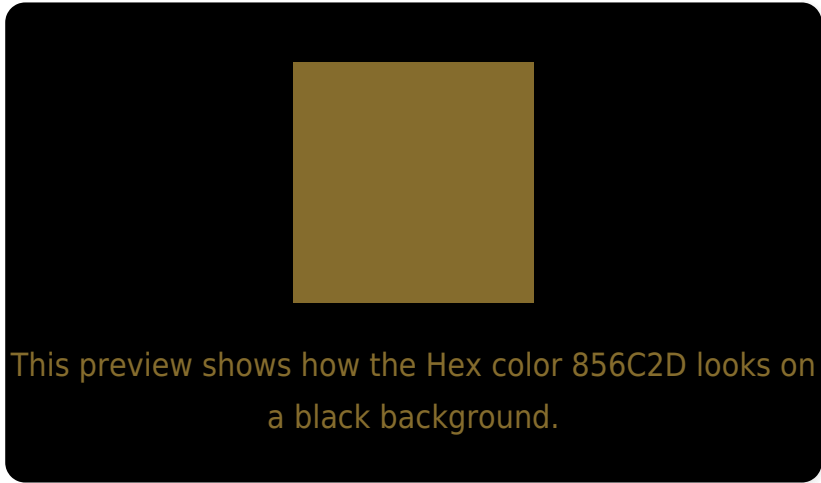
Large Text (above 18pt) WCAG AA ✓ Pass

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 856C2D Background



This preview shows how black text looks on a background with the Hex color 856C2D.



This preview shows how white text looks on a background with the Hex color 856C2D.

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
856C2D

Protanopia
7C6F2E

Deuteranopia
8A6A2E



Tritanopia
8A656D

Trichromacy



Original Color
856C2D

Protanomaly
7F6E2E

Deuteranomaly
886B2E

Tritanomaly
886856

Monochromacy



Original Color
856C2D

Achromatopsia
6C6C6C

Achromatomaly
756C55

CSS Examples

Text

The CSS property to change the color of the text to Hex 856C2D 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 #856C2D looks like.

```
.text, #text, p{  
    color:#856C2D  
}
```

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 #856C2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #856C2D
}
```

Border

The CSS property to change the border of an element to Hex 856C2D 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
#856C2D }
```

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

```
.border{ border-color:#856C2D }
```

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

Here you see how a box with a 4 pixel #856C2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #856C2D; -webkit-box-shadow:4px 4px  
4px 4px #856C2D; box-shadow:4px 4px 4px  
4px #856C2D }
```

Background

The CSS property to change the background color of an element to Hex 856C2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#856C2D }
```

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

```
.background{ background-color:#856C2D }
```

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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