

# Converting Colors

Hex(875B2B)

Have a look what the booklet for  
Hex(875B2B) contains.

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**Color**

**Hex(875B2B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	875B2B
RGB	135, 91, 43
RGB Percent	53%, 36%, 17%
CMY	0.4706, 0.6431, 0.8314
CMYK	0.00, 0.33, 0.68, 0.47
HSL	31°, 52%, 35%
HSV	31°, 68%, 53%
XYZ	14.1688, 12.8075, 4.0108
YIQ	98.6840, 41.6320, -5.6000

# Conversions

## Conversions Part 2

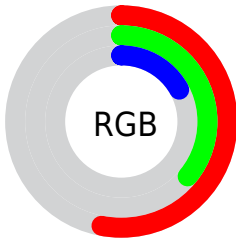
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">127, 135, 43</a>
Decimal	<a href="#">8870699</a>
CIELab	<a href="#">42.47, 13.08, 34.27</a>
CIElCh	<a href="#">42, 36.680, 69.105</a>
Yxy	<a href="#">12.8075, 0.4572, 0.4133</a>
Android (android.graphics.Color)	<a href="#">4287060779</a> ( <a href="#">0xFF875B2B</a> )
YUV	<a href="#">98.6840, -27.4522, 31.8491</a>
Hunter-Lab	<a href="#">35.7875, 8.0425, 18.4065</a>

# Details

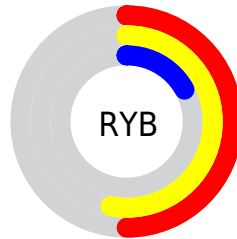
The Hex color **875B2B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2B5787**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **BF8D5B**, and **522D00** is the 20% darker color. If you saturate the color by 10%, you get **87551D**, and if you desaturate by 10%, it is **876139**.

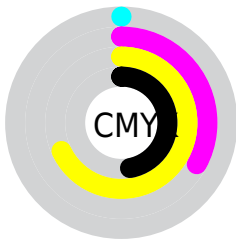
# Distribution



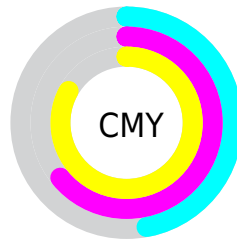
- Red (53%)
- Green (36%)
- Blue (17%)



- Red (50%)
- Yellow (53%)
- Blue (17%)



- Cyan (0%)
- Magenta (33%)
- Yellow (68%)
- Black (47%)



- Cyan (47%)
- Magenta (64%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 875B2B 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 875B2B by changing the saturation by 10% instead.





875B2B



875B2B

FFFFFF



6C4314



BF8D5B



522D00



DCA874



381800



FAC38E



200000



FFDFA8



000000



FFFBC4



FFFFE0



FFFFFFD



875B2B



875B2B

■ 87551D

■ 876139

■ 874E10

■ 876846

■ 874802

■ 876E54

■ 874600

■ 877561

■ 877B6E

■ 87827C

■ 87888A

■ 878F97

■ 8795A5

# Harmonies

## Analogous

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



985040



875B2B



6D6626

# Triad

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



875B2B



00736D



735993

# Complementary

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



875B2B



2B5787

# 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.



4064A0



875B2B



00728A

# Square

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



875B2B



1C724E



006D9C



914E7B

# Rectangle

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



875B2B



586B2D



006D9C



645D99



# Sweetspot

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



875B2B



B09F8D



872B57



594F44



D9D9D9



595959



# Same Dimension

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



875B2B



B06B20



85872B



423F3C



824400



030100



# Inverse Universe

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



2B5787



2065B0



2D2B87



3C3F42



003E82



000103



# Previews

## White Background



This preview shows how the Hex color 875B2B looks on a white background.

## Color Contrast Check

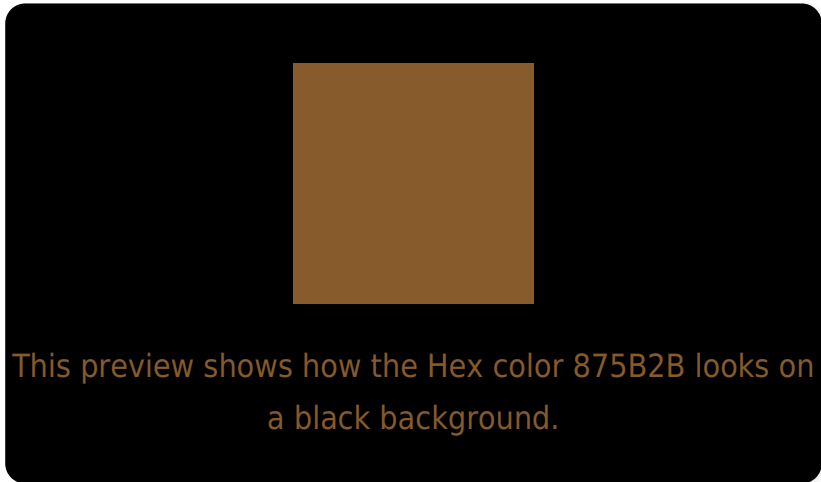
Large Text (above 18pt) WCAG AA ✓ Pass

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

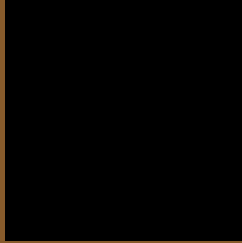
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 875B2B Background



This preview shows how black text looks on a background with the Hex color 875B2B.



This preview shows how white text looks on a background with the Hex color 875B2B.

# 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**  
875B2B

**Protanopia**  
70652E

**Deuteranopia**  
7D602A



**Tritanopia**  
8A565C

# Trichromacy



**Original Color**  
875B2B

**Protanomaly**  
78612D

**Deuteranomaly**  
815E2A

**Tritanomaly**  
89584A

# Monochromacy



**Original Color**  
875B2B

**Achromatopsia**  
636363

**Achromatomaly**  
70604F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 875B2B 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 #875B2B looks like.

```
.text, #text, p{  
    color:#875B2B  
}
```

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 #875B2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #875B2B
}
```

## Border

The CSS property to change the border of an element to Hex 875B2B 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
#875B2B }
```

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

```
.border{ border-color:#875B2B }
```

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

Here you see how a box with a 4 pixel #875B2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #875B2B; -webkit-box-shadow:4px 4px  
4px 4px #875B2B; box-shadow:4px 4px 4px  
4px #875B2B }
```

# Background

The CSS property to change the background color of an element to Hex 875B2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#875B2B }
```

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

```
.background{ background-color:#875B2B }
```

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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