

# Converting Colors

Hex(875B38)

Have a look what the booklet for  
Hex(875B38) contains.

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**Color**

**Hex(875B38)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	875B38
RGB	135, 91, 56
RGB Percent	53%, 36%, 22%
CMY	0.4706, 0.6431, 0.7804
CMYK	0.00, 0.33, 0.59, 0.47
HSL	27°, 41%, 37%
HSV	27°, 59%, 53%
XYZ	14.4466, 12.9186, 5.4735
YIQ	100.1660, 37.4590, -1.5570

# Conversions

## Conversions Part 2

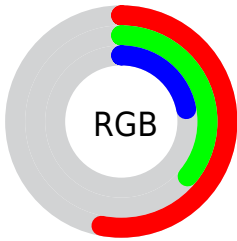
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 119, 56
Decimal	8870712
CIELab	42.64, 14.08, 27.29
CIELCh	43, 30.708, 62.716
Yxy	12.9186, 0.4399, 0.3934
Android (android.graphics.Color)	4287060792 (0xFF875B38)
YUV	100.1660, -21.7738, 30.5494
Hunter-Lab	35.9424, 8.8463, 16.1307

# Details

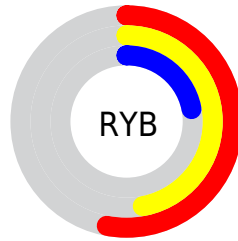
The Hex color **875B38** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **386487**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **BF8D68**, and **522D0C** is the 20% darker color. If you saturate the color by 10%, you get **87532B**, and if you desaturate by 10%, it is **876346**.

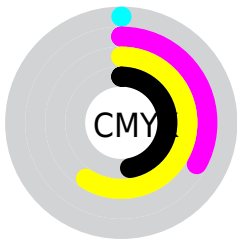
# Distribution



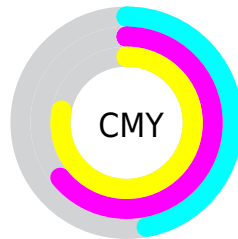
- Red (53%)
- Green (36%)
- Blue (22%)



- Red (53%)
- Yellow (47%)
- Blue (22%)



- Cyan (0%)
- Magenta (33%)
- Yellow (59%)
- Black (47%)



- Cyan (47%)
- Magenta (64%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 875B38 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 875B38 by changing the saturation by 10% instead.



 875B38

 875B38

FFFFFF

 6C4322

 BF8D68

 522D0C

 DBA881

 391800

 F9C39B

 220000

 FFDFB6

 000000

 FFFCD2

 FFFFEE

 875B38

 875B38

 87532B

 876346

■ 874C1D

■ 876A53

■ 874410

■ 877261

■ 873D02

■ 87796E

■ 873C00

■ 87817C

■ 878889

■ 879097

■ 8797A4

■ 879FB2

# Harmonies

## Analogous

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



93534B



875B38



726431

# Triad

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



875B38



007266



6A5D8F

# Complementary

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



875B38



386487

# 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.



406697



875B38



00717F

# Square

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



875B38



38704D



006D91



86547C

# Rectangle

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



875B38



616935



006D91



5E6093



# Sweetspot

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



875B38



B09E90



873865



594E46



D9D9D9



595959



# Same Dimension

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



875B38



B06B35



878238



423F3C



823A00



030100



# Inverse Universe

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



386487



3579B0



383D87



3C3F42



004882

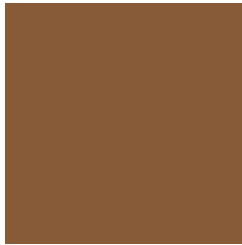


000103



# Previews

## White Background



This preview shows how the Hex color 875B38 looks on a white background.

## Color Contrast Check

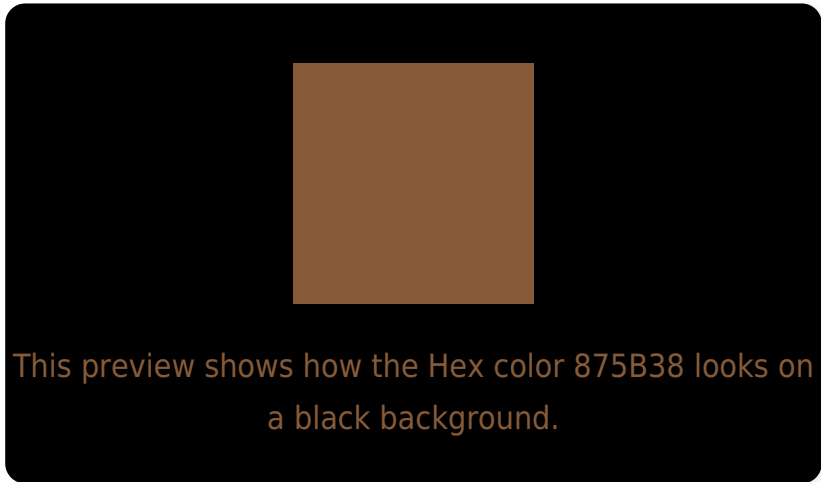
Large Text (above 18pt) WCAG AA ✓ Pass

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 875B38 Background



This preview shows how black text looks on a background with the Hex color 875B38.



This preview shows how white text looks on a background with the Hex color 875B38.

# 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**  
875B38

**Protanopia**  
6F653C

**Deuteranopia**  
7C6037



**Tritanopia**  
8A575D

# Trichromacy



**Original Color**  
875B38

**Protanomaly**  
78613B

**Deuteranomaly**  
805E37

**Tritanomaly**  
895850

# Monochromacy



**Original Color**  
875B38

**Achromatopsia**  
646464

**Achromatomaly**  
716154

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 875B38 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 #875B38 looks like.

```
.text, #text, p{  
    color:#875B38  
}
```

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 #875B38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #875B38
}
```

## Border

The CSS property to change the border of an element to Hex 875B38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

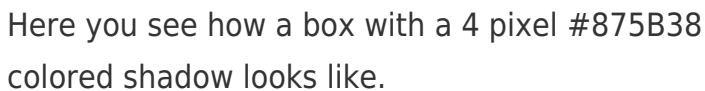
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#875B38 }
```

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

```
.border{ border-color:#875B38 }
```

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



Here you see how a box with a 4 pixel #875B38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #875B38; -webkit-box-shadow:4px 4px  
4px 4px #875B38; box-shadow:4px 4px 4px  
4px #875B38 }
```

# Background

The CSS property to change the background color of an element to Hex 875B38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#875B38 }
```

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

```
.background{ background-color:#875B38 }
```

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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