

# Converting Colors

Hex(877B37)

Have a look what the booklet for  
Hex(877B37) contains.

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**Color**

**Hex(877B37)**

# Conversions

## Conversions Part 1

Format	Color
Hex	877B37
RGB	135, 123, 55
RGB Percent	53%, 48%, 22%
CMY	0.4706, 0.5176, 0.7843
CMYK	0.00, 0.09, 0.59, 0.47
HSL	51°, 42%, 37%
HSV	51°, 59%, 53%
XYZ	17.7642, 19.5926, 6.4599
YIQ	118.8360, 28.9800, -18.6040

# Conversions

## Conversions Part 2

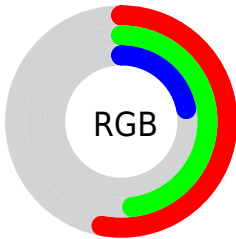
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 135, 55
Decimal	8878903
CIELab	51.37, -4.53, 38.16
CIElCh	51, 38.425, 96.771
Yxy	19.5926, 0.4054, 0.4471
Android (android.graphics.Color)	4287068983 (0xFF877B37)
YUV	118.8360, -31.4711, 14.1758
Hunter-Lab	44.2636, -5.8242, 22.3316

# Details

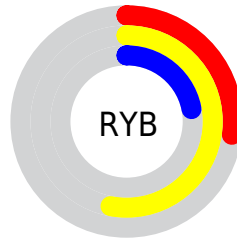
The Hex color **877B37** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **374387**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **BEAF68**, and **534B04** is the 20% darker color. If you saturate the color by 10%, you get **87792A**, and if you desaturate by 10%, it is **877D45**.

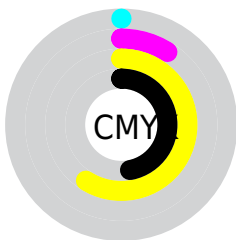
# Distribution



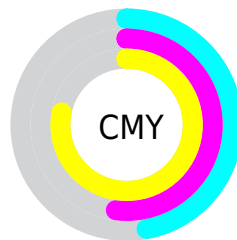
- Red (53%)
- Green (48%)
- Blue (22%)



- Red (27%)
- Yellow (53%)
- Blue (22%)



- Cyan (0%)
- Magenta (9%)
- Yellow (59%)
- Black (47%)



- Cyan (47%)
- Magenta (52%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 877B37 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 877B37 by changing the saturation by 10% instead.





877B37



877B37

FFFFFF



6C621F



BEAF68



534B04



DBC82



3B3400



F8E79D



221F00



FFFFB8



000800



FFFFD4



000000



FFFFF1



877B37



877B37



87792A



877D45

■ 87771C

■ 877F52

■ 87750F

■ 878160

■ 877301

■ 87836D

■ 877300

■ 87857B

■ 878788

■ 878996

■ 878BA3

■ 878DB1

# Harmonies

## Analogous

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



A36F3E



877B37



648444

# Triad

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



877B37



008AA1



A96395

# Complementary

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



877B37



374387

# 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.



876FAF



877B37



0085B6

# Square

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



877B37



008B81



517BBB



B85F74

# Rectangle

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



877B37



488855



517BBB



A0679F



# Sweetspot

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



877B37



B0AB90



873743



595646



D9D9D9



595959



# Same Dimension

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



877B37



B09D33



6B8737



42413C



826F00



030200



# Inverse Universe

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



374387



3346B0



533787



3C3D42



001482



000003



# Previews

## White Background



This preview shows how the Hex color 877B37 looks on a white background.

## Color Contrast Check

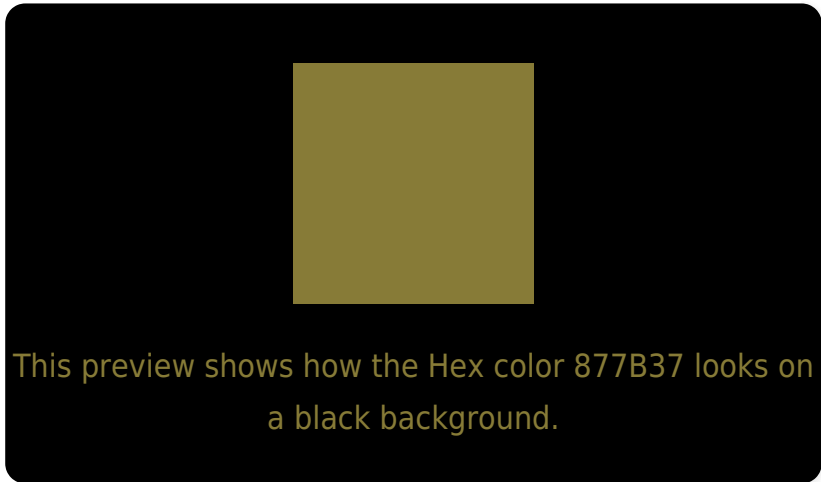
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 877B37 Background



This preview shows how black text looks on a background with the Hex color 877B37.



This preview shows how white text looks on a background with the Hex color 877B37.

# 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**  
877B37

**Protanopia**  
887B37

**Deuteranopia**  
977539



**Tritanopia**  
8D747D

# Trichromacy



**Original Color**  
877B37

**Protanomaly**  
887B37

**Deuteranomaly**  
917738

**Tritanomaly**  
8B7764

# Monochromacy



**Original Color**  
877B37

**Achromatopsia**  
777777

**Achromatomaly**  
7D7860

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 877B37 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 #877B37 looks like.

```
.text, #text, p{  
    color:#877B37  
}
```

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 #877B37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877B37
}
```

## Border

The CSS property to change the border of an element to Hex 877B37 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
#877B37 }
```

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

```
.border{ border-color:#877B37 }
```

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

Here you see how a box with a 4 pixel #877B37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877B37; -webkit-box-shadow:4px 4px  
4px 4px #877B37; box-shadow:4px 4px 4px  
4px #877B37 }
```

# Background

The CSS property to change the background color of an element to Hex 877B37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877B37 }
```

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

```
.background{ background-color:#877B37 }
```

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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