

Converting Colors

Hex(877B35)

Have a look what the booklet for
Hex(877B35) contains.

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Color

Hex(877B35)

Conversions

Conversions Part 1

Format	Color
Hex	877B35
RGB	135, 123, 53
RGB Percent	53%, 48%, 21%
CMY	0.4706, 0.5176, 0.7922
CMYK	0.00, 0.09, 0.61, 0.47
HSL	51°, 44%, 37%
HSV	51°, 61%, 53%
XYZ	17.7172, 19.5739, 6.2125
YIQ	118.6080, 29.6220, -19.2260

Conversions

Conversions Part 2

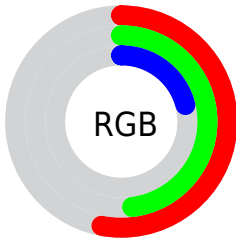
Format	Color
RYB	67, 135, 53
Decimal	8878901
CIELab	51.35, -4.69, 39.13
CIELCh	51, 39.409, 96.835
Yxy	19.5739, 0.4073, 0.4499
Android (android.graphics.Color)	4287068981 (0xFF877B35)
YUV	118.6080, -32.3447, 14.3758
Hunter-Lab	44.2424, -5.9422, 22.6442

Details

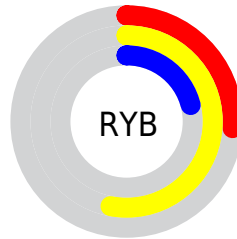
The Hex color **877B35** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **354187**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **BEAF66**, and **534B02** is the 20% darker color. If you saturate the color by 10%, you get **877928**, and if you desaturate by 10%, it is **877D43**.

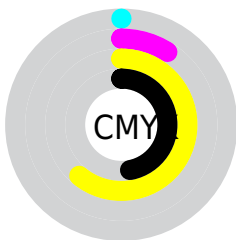
Distribution



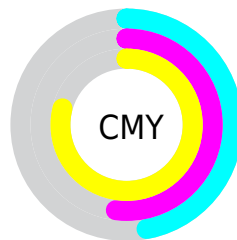
- Red (53%)
- Green (48%)
- Blue (21%)



- Red (26%)
- Yellow (53%)
- Blue (21%)



- Cyan (0%)
- Magenta (9%)
- Yellow (61%)
- Black (47%)



- Cyan (47%)
- Magenta (52%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 877B35 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 877B35 by changing the saturation by 10% instead.

 877B35

 877B35

FFFFFF

 6C621D

 BEAF66

 534B02

 DBCB80

 3A3400

 F8E79B

 211F00

 FFFFB6

 000800

 FFFFD2

 000000

 FFFFEE

 877B35

 877B35

 877928

 877D43

■ 87771A

■ 877F50

■ 87750D

■ 87815E

■ 877300

■ 87836B

■ 878579

■ 878786

■ 878994

■ 878BA1

■ 878DAF

Harmonies

Analogous

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



A46F3C



877B35



638442

Triad

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



877B35



008AA2



AA6396

Complementary

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



877B35



354187

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.



876EB0



877B35



0085B8

Square

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



877B35



008C81



4F7BBD



B95E74

Rectangle

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



877B35



468854



4F7BBD



A166A0

Sweetspot

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



877B35



B0AB90



873541



595646



D9D9D9



595959

Same Dimension

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



877B35



B09D30



6A8735



42413C



826F00



030200

Inverse Universe

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



354187



3042B0



523587



3C3D42



001382



000003

Previews

White Background



This preview shows how the Hex color 877B35 looks on a white background.

Color Contrast Check

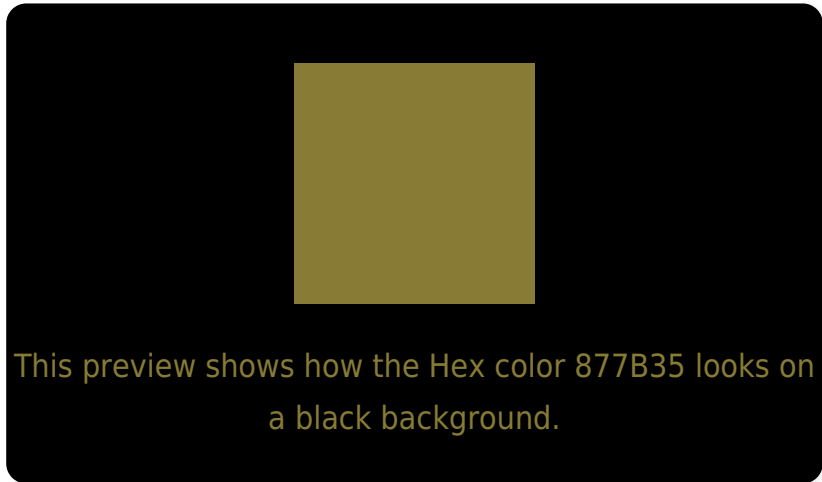
Large Text (above 18pt) WCAG AA ✓ Pass

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

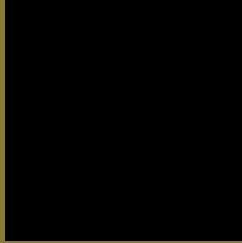
Any Text WCAG AA ✓ Pass

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 877B35 Background



This preview shows how black text looks on a background with the Hex color 877B35.



This preview shows how white text looks on a background with the Hex color 877B35.

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
877B35

Protanopia
887B35

Deuteranopia
987437



Tritanopia
8D747D

Trichromacy



Original Color
877B35

Protanomaly
887B35

Deuteranomaly
927736

Tritanomaly
8B7763

Monochromacy



Original Color
877B35

Achromatopsia
777777

Achromatomaly
7D785F

CSS Examples

Text

The CSS property to change the color of the text to Hex 877B35 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 #877B35 looks like.

```
.text, #text, p{  
    color:#877B35  
}
```

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 #877B35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877B35
}
```

Border

The CSS property to change the border of an element to Hex 877B35 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
#877B35 }
```

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

```
.border{ border-color:#877B35 }
```

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

Here you see how a box with a 4 pixel #877B35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877B35; -webkit-box-shadow:4px 4px  
4px 4px #877B35; box-shadow:4px 4px 4px  
4px #877B35 }
```

Background

The CSS property to change the background color of an element to Hex 877B35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877B35 }
```

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

```
.background{ background-color:#877B35 }
```

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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