

Converting Colors

Hex(877F37)

Have a look what the booklet for
Hex(877F37) contains.

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Color

Hex(877F37)

Conversions

Conversions Part 1

Format	Color
Hex	877F37
RGB	135, 127, 55
RGB Percent	53%, 50%, 22%
CMY	0.4706, 0.5020, 0.7843
CMYK	0.00, 0.06, 0.59, 0.47
HSL	54°, 42%, 37%
HSV	54°, 59%, 53%
XYZ	18.2706, 20.6055, 6.6287
YIQ	121.1840, 27.8800, -20.6960

Conversions

Conversions Part 2

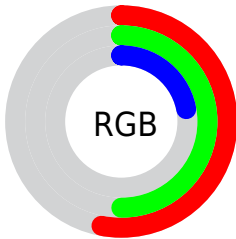
Format	Color
RYB	64, 135, 55
Decimal	8879927
CIELab	52.51, -6.76, 39.45
CIELCh	53, 40.026, 99.722
Yxy	20.6055, 0.4015, 0.4528
Android (android.graphics.Color)	4287070007 (0xFF877F37)
YUV	121.1840, -32.6287, 12.1166
Hunter-Lab	45.3933, -7.5925, 23.1172

Details

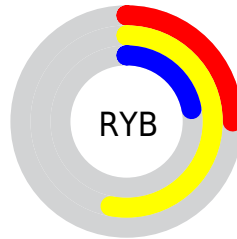
The Hex color **877F37** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **373F87**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **BEB469**, and **534E03** is the 20% darker color. If you saturate the color by 10%, you get **877E2A**, and if you desaturate by 10%, it is **878045**.

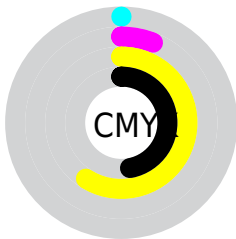
Distribution



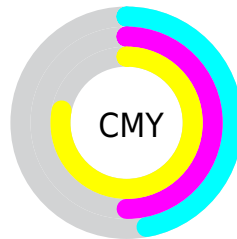
- Red (53%)
- Green (50%)
- Blue (22%)



- Red (25%)
- Yellow (53%)
- Blue (22%)



- Cyan (0%)
- Magenta (6%)
- Yellow (59%)
- Black (47%)



- Cyan (47%)
- Magenta (50%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 877F37 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 877F37 by changing the saturation by 10% instead.

■ 877F37

■ 877F37

FFFFFF

■ 6C661F

■ BEB469

■ 534E03

■ DBCF82

■ 3B3800

■ F8EB9D

■ 222200

■ FFFFB8

■ 000E00

■ FFFFD4

■ 000000

■ FFFFF1

■ 877F37

■ 877F37

■ 877E2A

■ 878045

■ 877C1C

■ 878252

■ 877B0F

■ 878360

■ 877A01

■ 87846D

■ 877A00

■ 87867B

■ 878788

■ 878896

■ 878AA3

■ 878BB1

Harmonies

Analogous

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



A5733C



877F37



628847

Triad

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



877F37



008DA8



B06496

Complementary

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



877F37



373F87

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.



8F70B2



877F37



0087BD

Square

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



877F37



008F88



587DC1



BE6073

Rectangle

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



877F37



438C59



587DC1



A767A0

Sweetspot

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



877F37



B0AD90



87373F



595746



D9D9D9



595959

Same Dimension

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



877F37



B0A333



678737



42423C



827500



030200

Inverse Universe

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



373F87



3340B0



573787



3C3C42



000D82



000003

Previews

White Background



This preview shows how the Hex color 877F37 looks on a white background.

Color Contrast Check

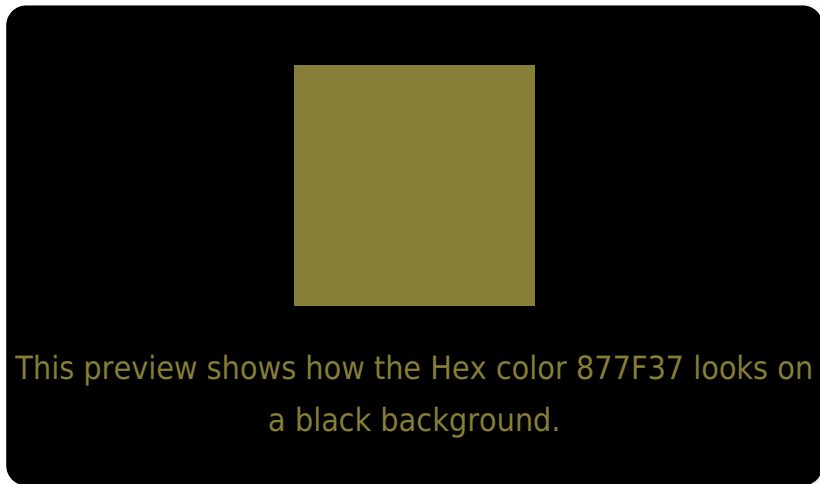
Large Text (above 18pt) WCAG AA ✓ Pass

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

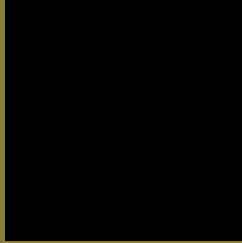
Any Text WCAG AA ✓ Pass

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 877F37 Background



This preview shows how black text looks on a background with the Hex color 877F37.



This preview shows how white text looks on a background with the Hex color 877F37.

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
877F37

Protanopia
8B7E37

Deuteranopia
9B7739



Tritanopia
8E7781

Trichromacy



Original Color
877F37

Protanomaly
8A7E37

Deuteranomaly
947A38

Tritanomaly
8B7A66

Monochromacy



Original Color
877F37

Achromatopsia
797979

Achromatomaly
7E7B61

CSS Examples

Text

The CSS property to change the color of the text to Hex 877F37 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 #877F37 looks like.

```
.text, #text, p{  
    color:#877F37  
}
```

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 #877F37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877F37
}
```

Border

The CSS property to change the border of an element to Hex 877F37 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
#877F37 }
```

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

```
.border{ border-color:#877F37 }
```

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

Here you see how a box with a 4 pixel #877F37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877F37; -webkit-box-shadow:4px 4px  
4px 4px #877F37; box-shadow:4px 4px 4px  
4px #877F37 }
```

Background

The CSS property to change the background color of an element to Hex 877F37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877F37 }
```

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

```
.background{ background-color:#877F37 }
```

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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