

Converting Colors

Hex(877A32)

Have a look what the booklet for
Hex(877A32) contains.

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Color

Hex(877A32)

Conversions

Conversions Part 1

Format	Color
Hex	877A32
RGB	135, 122, 50
RGB Percent	53%, 48%, 20%
CMY	0.4706, 0.5216, 0.8039
CMYK	0.00, 0.10, 0.63, 0.47
HSL	51°, 46%, 36%
HSV	51°, 63%, 53%
XYZ	17.5269, 19.3003, 5.8192
YIQ	117.6790, 30.8600, -19.6360

Conversions

Conversions Part 2

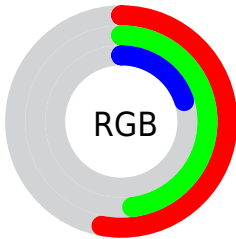
Format	Color
RYB	65, 135, 50
Decimal	8878642
CIELab	51.04, -4.36, 40.25
CIELCh	51, 40.481, 96.179
Yxy	19.3003, 0.4110, 0.4526
Android (android.graphics.Color)	4287068722 (0xFF877A32)
YUV	117.6790, -33.3657, 15.1905
Hunter-Lab	43.9321, -5.6676, 22.8990

Details

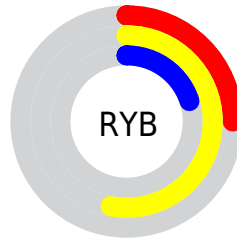
The Hex color **877A32** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **323F87**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **BEAE63**, and **524A00** is the 20% darker color. If you saturate the color by 10%, you get **877825**, and if you desaturate by 10%, it is **877C3F**.

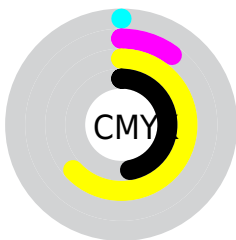
Distribution



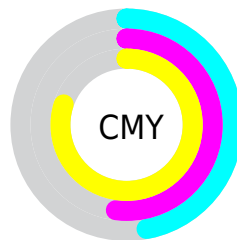
- Red (53%)
- Green (48%)
- Blue (20%)



- Red (25%)
- Yellow (53%)
- Blue (20%)



- Cyan (0%)
- Magenta (10%)
- Yellow (63%)
- Black (47%)



- Cyan (47%)
- Magenta (52%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 877A32 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 877A32 by changing the saturation by 10% instead.

 877A32

 877A32

FFFFFF

 6C6119

 BEAE63

 524A00

 DBC97D

 3A3300

 F8E698

 211F00

 FFFFB3

 000700

 FFFFCE

 000000

 FFFFEB

 877A32

 877A32

 877825

 877C3F

■ 877617

■ 877E4D

■ 87740A

■ 87805B

■ 877200

■ 878268

■ 878476

■ 878683

■ 878891

■ 878B9E

■ 878DAC

Harmonies

Analogous

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



A46E3A



877A32



638340

Triad

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



877A32



008AA1



AA6196

Complementary

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



877A32



323F87

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.



866EB1



877A32



0085B8

Square

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



877A32



008B80



4A7BBE



BA5C74

Rectangle

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



877A32



458752



4A7BBE



A065A0

Sweetspot

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



877A32



B0AB8F



873240



595645



D9D9D9



595959

Same Dimension

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



877A32



B09B2A



6B8732



42413C



826E00



030200

Inverse Universe

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



323F87



2A3FB0



4E3287



3C3D42



001482



000003

Previews

White Background



This preview shows how the Hex color 877A32 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

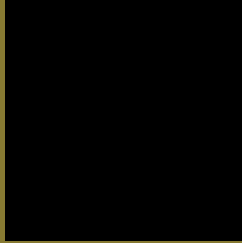
Any Text WCAG AA ✓ Pass

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 877A32 Background



This preview shows how black text looks on a background with the Hex color 877A32.



This preview shows how white text looks on a background with the Hex color 877A32.

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
877A32

Protanopia
877A32

Deuteranopia
977434



Tritanopia
8D727B

Trichromacy



Original Color
877A32

Protanomaly
877A32

Deuteranomaly
917633

Tritanomaly
8B7560

Monochromacy



Original Color
877A32

Achromatopsia
767676

Achromatomaly
7C775D

CSS Examples

Text

The CSS property to change the color of the text to Hex 877A32 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 #877A32 looks like.

```
.text, #text, p{  
    color:#877A32  
}
```

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 #877A32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877A32
}
```

Border

The CSS property to change the border of an element to Hex 877A32 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
#877A32 }
```

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

```
.border{ border-color:#877A32 }
```

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

Here you see how a box with a 4 pixel #877A32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877A32; -webkit-box-shadow:4px 4px  
4px 4px #877A32; box-shadow:4px 4px 4px  
4px #877A32 }
```

Background

The CSS property to change the background color of an element to Hex 877A32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877A32 }
```

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

```
.background{ background-color:#877A32 }
```

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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