

# Converting Colors

Hex(877D3D)

Have a look what the booklet for  
Hex(877D3D) contains.

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**Color**

**Hex(877D3D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	877D3D
RGB	135, 125, 61
RGB Percent	53%, 49%, 24%
CMY	0.4706, 0.5098, 0.7608
CMYK	0.00, 0.07, 0.55, 0.47
HSL	52°, 38%, 38%
HSV	52°, 55%, 53%
XYZ	18.1676, 20.1550, 7.3477
YIQ	120.6940, 26.5040, -17.7840

# Conversions

## Conversions Part 2

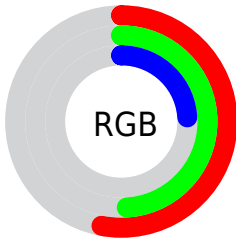
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 135, 61
Decimal	8879421
CIELab	52.01, -5.14, 35.84
CIELCh	52, 36.203, 98.155
Yxy	20.1550, 0.3978, 0.4413
Android (android.graphics.Color)	4287069501 (0xFF877D3D)
YUV	120.6940, -29.4291, 12.5464
Hunter-Lab	44.8944, -6.3308, 21.7223

# Details

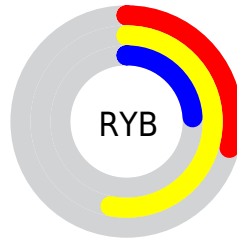
The Hex color **877D3D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3D4787**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **BEB16E**, and **534C0D** is the 20% darker color. If you saturate the color by 10%, you get **877B30**, and if you desaturate by 10%, it is **877F4B**.

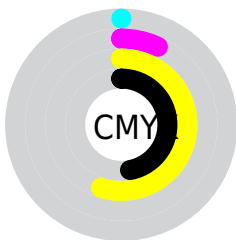
# Distribution



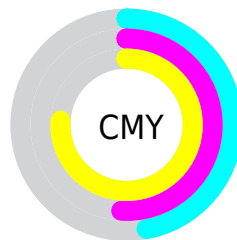
- Red (53%)
- Green (49%)
- Blue (24%)



- Red (29%)
- Yellow (53%)
- Blue (24%)



- Cyan (0%)
- Magenta (7%)
- Yellow (55%)
- Black (47%)



- Cyan (47%)
- Magenta (51%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 877D3D 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 877D3D by changing the saturation by 10% instead.



 877D3D

 877D3D

FFFFFF

 6D6425

 BEB16E

 534C0D

 DACD88

 3B3600

 F7E9A3

 232100

 FFFFBE

 000B00

 FFFFDA

 000000

 FFFFF7

 877D3D

 877D3D

 877B30

 877F4B

■ 877922

■ 878158

■ 877815

■ 878266

■ 877607

■ 878473

■ 877500

■ 878681

■ 87888E

■ 878A9C

■ 878CA9

■ 878DB7

# Harmonies

## Analogous

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



A27243



877D3D



66854A

# Triad

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



877D3D



008BA1



A96694

# Complementary

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



877D3D



3D4787

# 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.



8A71AD



877D3D



0085B5

# Square

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



877D3D



008C84



597CB9



B76375

# Rectangle

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



877D3D



4B895A



597CB9



A1699D



# Sweetspot

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



877D3D



B0AC94



873D48



595748



D9D9D9



595959



# Same Dimension

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



877D3D



B0A03C



6D873D



42413C



827000



030200



# Inverse Universe

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



3D4787



3C4CB0



573D87



3C3D42



001282



000003



# Previews

## White Background



This preview shows how the Hex color 877D3D 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

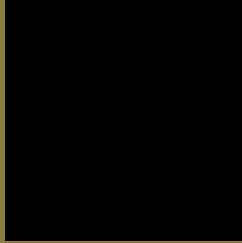
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 877D3D Background



This preview shows how black text looks on a background with the Hex color 877D3D.



This preview shows how white text looks on a background with the Hex color 877D3D.

# 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**

877D3D

**Protanopia**

897C3D

**Deuteranopia**

99763F



**Tritanopia**  
8D767F

# Trichromacy



**Original Color**  
877D3D

**Protanomaly**  
887C3D

**Deuteranomaly**  
92793E

**Tritanomaly**  
8B7967

# Monochromacy



**Original Color**  
877D3D

**Achromatopsia**  
797979

**Achromatomaly**  
7E7A63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 877D3D 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 #877D3D looks like.

```
.text, #text, p{  
    color:#877D3D  
}
```

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 #877D3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877D3D
}
```

## Border

The CSS property to change the border of an element to Hex 877D3D 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
#877D3D }
```

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

```
.border{ border-color:#877D3D }
```

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

Here you see how a box with a 4 pixel #877D3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877D3D; -webkit-box-shadow:4px 4px  
4px 4px #877D3D; box-shadow:4px 4px 4px  
4px #877D3D }
```

# Background

The CSS property to change the background color of an element to Hex 877D3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877D3D }
```

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

```
.background{ background-color:#877D3D }
```

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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