

Converting Colors

Hex(837F00)

Have a look what the booklet for
Hex(837F00) contains.

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Color

Hex(837F00)

Conversions

Conversions Part 1

Format	Color
Hex	837F00
RGB	131, 127, 0
RGB Percent	51%, 50%, 0%
CMY	0.4863, 0.5020, 1.0000
CMYK	0.00, 0.03, 1.00, 0.49
HSL	58°, 100%, 26%
HSV	58°, 100%, 51%
XYZ	16.9494, 20.0040, 2.9678
YIQ	113.7180, 43.1510, -38.6490

Conversions

Conversions Part 2

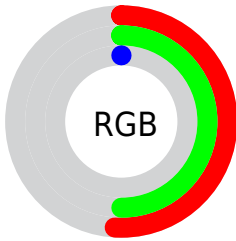
Format	Color
R_{YB}	4, 131, 0
Decimal	8617728
CIE Lab	51.84, -10.99, 56.78
CIE LCh	52, 57.832, 100.953
Yxy	20.0040, 0.4246, 0.5011
Android (android.graphics.Color)	4286807808 (0xFF837F00)
YUV	113.7180, -56.0630, 15.1563
Hunter-Lab	44.7259, -10.6254, 27.3739

Details

The Hex color **837F00** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **000483**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **BBB342**, and **4E4E00** is the 20% darker color. If you saturate the color by 10%, you get **837F00**, and if you desaturate by 10%, it is **837F0D**.

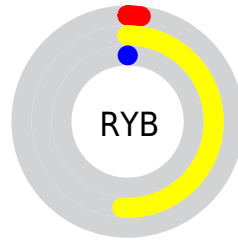
Distribution



Red (51%)

Green (50%)

Blue (0%)



Red (2%)

Yellow (51%)

Blue (0%)

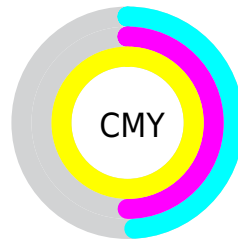


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 837F00 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 837F00 by changing the saturation by 10% instead.

 837F00

 837F00

FFFFFF

 686600

 BBB342

 4E4E00

 D8CF5D

 333800

 F6EB77

 1B2200

 FFFF92

 000C00

 FFFFAE

 000000

 FFFFCA

 FFFF7E

 837F00

 837F0D

 83801A

 838027

 838134

 838142

 83814F

 83825C

 838269

 838376

Harmonies

Analogous

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



AD6D14



837F00



4C8A2A

Triad

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



837F00



0091BC



C4519D

Complementary

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



837F00



000483

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.



9566C7



837F00



008AD9

Square

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



837F00



00938D



2C7BDD



D44A6B

Rectangle

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



837F00



008F49



2C7BDD



B857AD

Sweetspot

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



837F00



ABA978



830004



575637



D6D6D6



575757

Same Dimension

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



837F00



ABA600



468300



42423C



827E00



030200

Inverse Universe

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



000483



0005AB



3D0083



3C3C42



000482



000003

Previews

White Background



This preview shows how the Hex color 837F00 looks on a white background.

Color Contrast Check

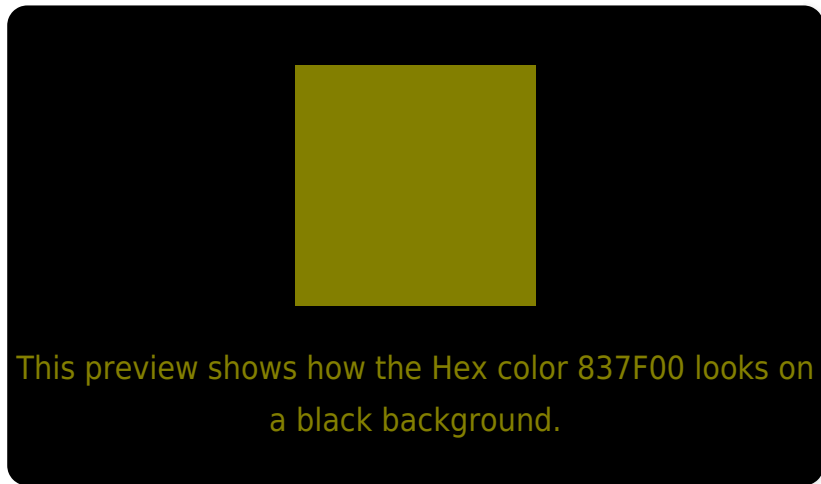
Large Text (above 18pt) WCAG AA ✓ Pass

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 837F00 Background



This preview shows how black text looks on a background with the Hex color 837F00.



This preview shows how white text looks on a background with the Hex color 837F00.

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
837F00

Protanopia
8C7C00

Deuteranopia
9C7512

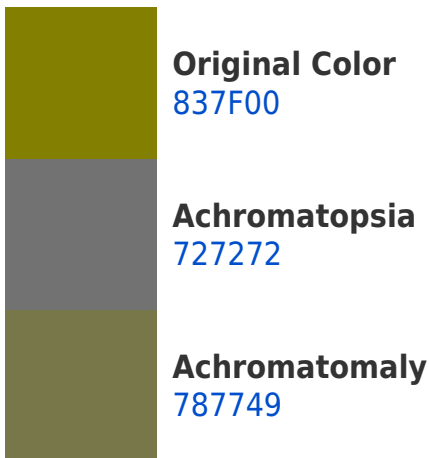


Tritanopia
8B767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 837F00 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 #837F00 looks like.

```
.text, #text, p{  
    color:#837F00  
}
```

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 #837F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837F00
}
```

Border

The CSS property to change the border of an element to Hex 837F00 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
#837F00 }
```

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

```
.border{ border-color:#837F00 }
```

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

Here you see how a box with a 4 pixel #837F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837F00; -webkit-box-shadow:4px 4px  
4px 4px #837F00; box-shadow:4px 4px 4px  
4px #837F00 }
```

Background

The CSS property to change the background color of an element to Hex 837F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837F00 }
```

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

```
.background{ background-color:#837F00 }
```

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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