

Converting Colors

Hex(87883D)

Have a look what the booklet for
Hex(87883D) contains.

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Color

Hex(87883D)

Conversions

Conversions Part 1

Format	Color
Hex	87883D
RGB	135, 136, 61
RGB Percent	53%, 53%, 24%
CMY	0.4706, 0.4667, 0.7608
CMYK	0.01, 0.00, 0.55, 0.47
HSL	61°, 38%, 39%
HSV	61°, 55%, 53%
XYZ	19.6381, 23.0961, 7.8378
YIQ	127.1510, 23.4790, -23.5370

Conversions

Conversions Part 2

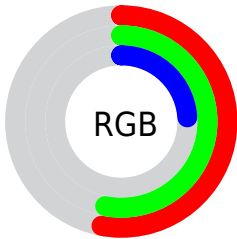
Format	Color
RYB	61, 136, 62
Decimal	8882237
CIELab	55.17, -11.18, 39.51
CIElCh	55, 41.064, 105.802
Yxy	23.0961, 0.3883, 0.4567
Android (android.graphics.Color)	4287072317 (0xFF87883D)
YUV	127.1510, -32.6124, 6.8836
Hunter-Lab	48.0584, -11.1618, 23.9713

Details

The Hex color **87883D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3E3D88**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **BEBD6F**, and **53560A** is the 20% darker color. If you saturate the color by 10%, you get **87882F**, and if you desaturate by 10%, it is **87884B**.

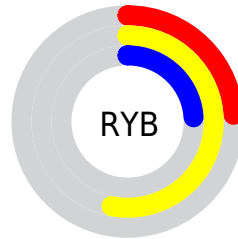
Distribution



Red (53%)

Green (53%)

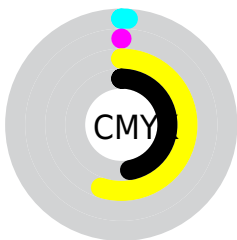
Blue (24%)



Red (24%)

Yellow (53%)

Blue (24%)

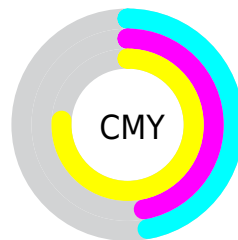


Cyan (1%)

Magenta (0%)

Yellow (55%)

Black (47%)



Cyan (47%)

Magenta (47%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87883D 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 87883D by changing the saturation by 10% instead.



87883D



87883D

FFFFFF



6D6F25



BEBD6F



53560A



DAD989



3B3F00



F7F5A4



222900



FFFFBF



001600



FFFDC



000000



FFFFF8



87883D



87883D



87882F



87884B

 878822

 878858

 868814

 888866

 868807

 888873

 868800

 888881

 88888F

 88889C

 8888AA

 8988B7

Harmonies

Analogous

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



A87C3E



87883D



5F9051

Triad

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



87883D



0094B6



BE6897

Complementary

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



87883D



3E3D88

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.



9F73B6



87883D



008DC9

Square

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



87883D



009696



6B81C8



C76773

Rectangle

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



87883D



3C9466



6B81C8



B66BA2

Sweetspot

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



87883D



B0B092



883D3D



595947



D9D9D9



595959

Same Dimension

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



87883D



AEB03C



63883D



45453E



838500



050500

Inverse Universe

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



3E3D88



3D3CB0



633D88



3E3E45



020085



000005

Previews

White Background



This preview shows how the Hex color 87883D looks on a white background.

Color Contrast Check

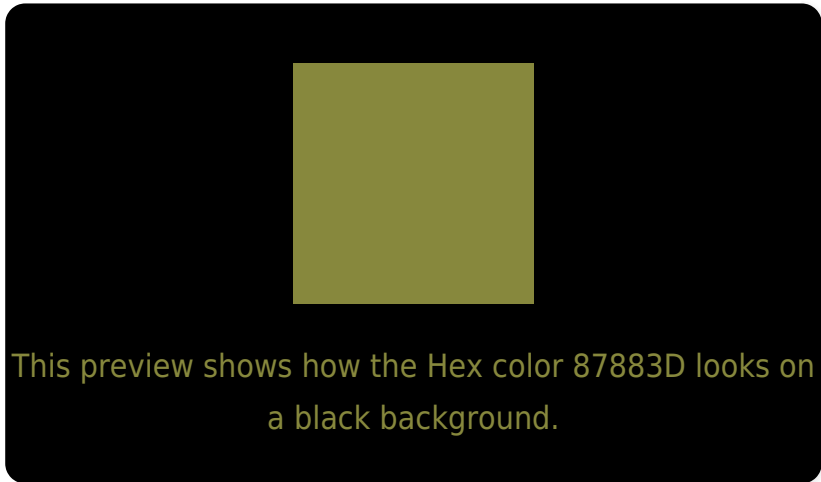
Large Text (above 18pt) WCAG AA ✓ Pass

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

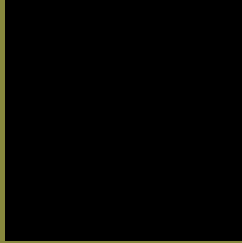
Any Text WCAG AA ✓ Pass

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 87883D Background



This preview shows how black text looks on a background with the Hex color 87883D.



This preview shows how white text looks on a background with the Hex color 87883D.

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
87883D

Protanopia
93843C

Deuteranopia
A37E40



Tritanopia
8F808A

Trichromacy



Original Color
87883D

Protanomaly
8F853C

Deuteranomaly
99823F

Tritanomaly
8C836E

Monochromacy



Original Color
87883D

Achromatopsia
7F7F7F

Achromatomaly
828267

CSS Examples

Text

The CSS property to change the color of the text to Hex 87883D 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 #87883D looks like.

```
.text, #text, p{  
    color:#87883D  
}
```

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 #87883D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87883D
}
```

Border

The CSS property to change the border of an element to Hex 87883D 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
#87883D }
```

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

```
.border{ border-color:#87883D }
```

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

Here you see how a box with a 4 pixel #87883D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87883D; -webkit-box-shadow:4px 4px  
4px 4px #87883D; box-shadow:4px 4px 4px  
4px #87883D }
```

Background

The CSS property to change the background color of an element to Hex 87883D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87883D }
```

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

```
.background{ background-color:#87883D }
```

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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