

Converting Colors

Hex(83884D)

Have a look what the booklet for
Hex(83884D) contains.

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Color

Hex(83884D)

Conversions

Conversions Part 1

Format	Color
Hex	83884D
RGB	131, 136, 77
RGB Percent	51%, 53%, 30%
CMY	0.4863, 0.4667, 0.6980
CMYK	0.04, 0.00, 0.43, 0.47
HSL	65°, 28%, 42%
HSV	65°, 43%, 53%
XYZ	19.5038, 22.9694, 10.4268
YIQ	127.7790, 15.9590, -19.4090

Conversions

Conversions Part 2

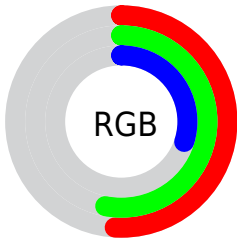
Format	Color
RYB	77, 136, 82
Decimal	8620109
CIELab	55.04, -11.30, 30.98
CIELCh	55, 32.978, 110.030
Yxy	22.9694, 0.3687, 0.4342
Android (android.graphics.Color)	4286810189 (0xFF83884D)
YUV	127.7790, -25.0340, 2.8248
Hunter-Lab	47.9264, -11.2302, 20.6495

Details

The Hex color **83884D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **524D88**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B9BD7F**, and **50561E** is the 20% darker color. If you saturate the color by 10%, you get **82883F**, and if you desaturate by 10%, it is **84885B**.

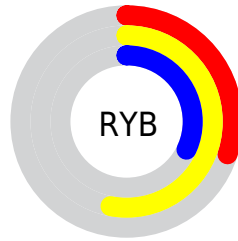
Distribution



Red (51%)

Green (53%)

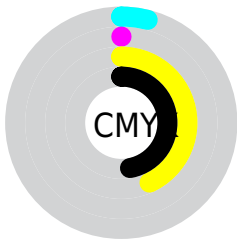
Blue (30%)



Red (30%)

Yellow (53%)

Blue (32%)

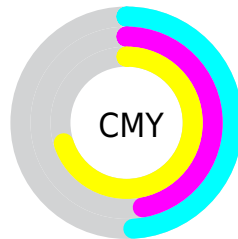


Cyan (4%)

Magenta (0%)

Yellow (43%)

Black (47%)



Cyan (49%)

Magenta (47%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83884D 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 83884D by changing the saturation by 10% instead.



83884D



83884D

FFFFFF



696F35



B9BD7F



50561E



D5D999



383F06



F2F5B4



222900



FFFFD0



001600



FFFED



000000



83884D



83884D



82883F



84885B



818832



858868

■ 808824

■ 868876

■ 7E8817

■ 888883

■ 7D8809

■ 898891

■ 7C8800

■ 8A889F

■ 8B88AC

■ 8C88BA

■ 8D88C7

Harmonies

Analogous

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



9F7F4B



83884D



628F5E

Triad

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



83884D



0090AF



B56E8F

Complementary

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



83884D



524D88

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.



9E75A9



83884D



4789BC

Square

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



83884D



009396



7980B9



BB6E72

Rectangle

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



83884D



49916F



7980B9



AF7098

Sweetspot

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



83884D



AEB099



88524D



58594B



D9D9D9



595959

Same Dimension

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



83884D



A8B054



66884D



44453E



798500



050500

Inverse Universe

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



524D88



5C54B0



6F4D88



3F3E45



0B0085



000005

Previews

White Background



This preview shows how the Hex color 83884D looks on a white background.

Color Contrast Check

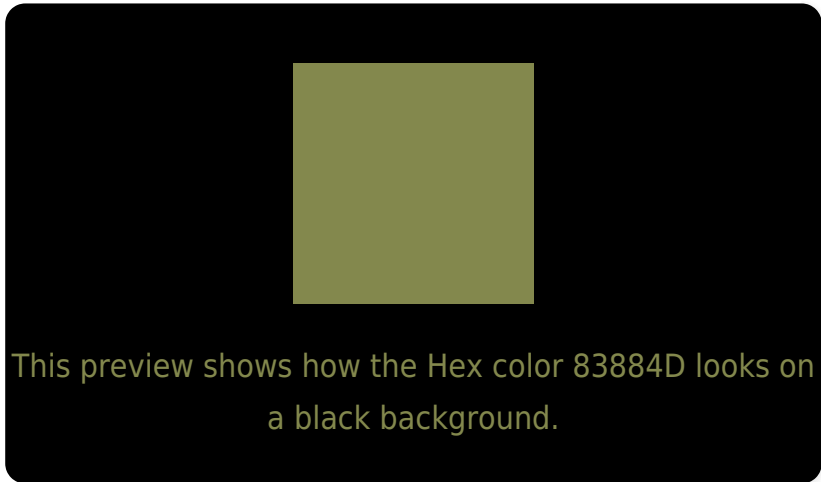
Large Text (above 18pt) WCAG AA ✓ Pass

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

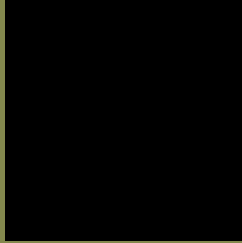
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

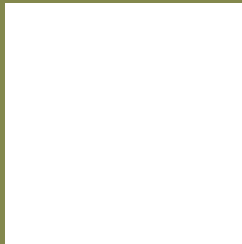
Any Text WCAG AAA × Fail

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

Hex 83884D Background



This preview shows how black text looks on a background with the Hex color 83884D.



This preview shows how white text looks on a background with the Hex color 83884D.

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
83884D

Protanopia
90844B

Deuteranopia
A07E4F



Tritanopia
8A818B

Trichromacy



Original Color
83884D

Protanomaly
8B854C

Deuteranomaly
95824E

Tritanomaly
878474

Monochromacy



Original Color
83884D

Achromatopsia
808080

Achromatomaly
81836D

CSS Examples

Text

The CSS property to change the color of the text to Hex 83884D 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 #83884D looks like.

```
.text, #text, p{  
    color:#83884D  
}
```

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 #83884D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83884D
}
```

Border

The CSS property to change the border of an element to Hex 83884D 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
#83884D }
```

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

```
.border{ border-color:#83884D }
```

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

Here you see how a box with a 4 pixel #83884D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83884D; -webkit-box-shadow:4px 4px  
4px 4px #83884D; box-shadow:4px 4px 4px  
4px #83884D }
```

Background

The CSS property to change the background color of an element to Hex 83884D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83884D }
```

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

```
.background{ background-color:#83884D }
```

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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