

Converting Colors

Hex(83965D)

Have a look what the booklet for
Hex(83965D) contains.

Hex(83965D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(83965D)

Conversions

Conversions Part 1

Format	Color
Hex	83965D
RGB	131, 150, 93
RGB Percent	51%, 59%, 36%
CMY	0.4863, 0.4118, 0.6353
CMYK	0.13, 0.00, 0.38, 0.41
HSL	80°, 23%, 48%
HSV	80°, 38%, 59%
XYZ	22.2422, 27.4283, 14.4778
YIQ	137.8210, 6.9730, -21.7550

Conversions

Conversions Part 2

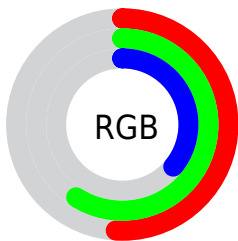
Format	Color
R_{YB}	93, 150, 112
Decimal	8623709
CIE Lab	59.37, -16.75, 27.87
CIE LCh	59, 32.511, 121.007
Yxy	27.4283, 0.3467, 0.4276
Android (android.graphics.Color)	4286813789 (0xFF83965D)
YUV	137.8210, -22.0968, -5.9820
Hunter-Lab	52.3720, -15.8428, 20.2702

Details

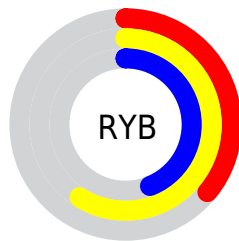
The Hex color **83965D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **705D96**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B9CC90**, and **50632E** is the 20% darker color. If you saturate the color by 10%, you get **7E964E**, and if you desaturate by 10%, it is **88966C**.

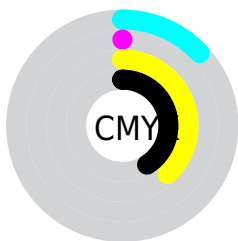
Distribution



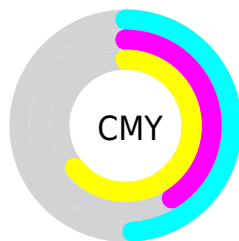
- Red (51%)
- Green (59%)
- Blue (36%)



- Red (36%)
- Yellow (59%)
- Blue (44%)



- Cyan (13%)
- Magenta (0%)
- Yellow (38%)
- Black (41%)



- Cyan (49%)
- Magenta (41%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83965D 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 83965D by changing the saturation by 10% instead.



83965D



83965D

FFFFFF



697C45



B9CC90



50632E



D5E8AB



394B17



F1FFC6



223400



FFFFE2



091F00



000000



83965D



83965D



7E964E



88966C



79963F



8D967B

■ 749630

■ 92968A

■ 6F9621

■ 979699

■ 6A9612

■ 9C96A8

■ 659603

■ A196B7

■ 649600

■ A696C6

■ AB96D5

■ B096E4

Harmonies

Analogous

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



A18E55



83965D



619C72

Triad

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



83965D



3699C0



C5798F

Complementary

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



83965D



705D96

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.



B47EAB



83965D



6791C8

Square

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



83965D



199DAB



9487C0



C57B73

Rectangle

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



83965D



489E85



9487C0



C17A99

Sweetspot

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



83965D



BBC2AC



96705D



5D6154



E0E0E0



616161

Same Dimension

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



83965D



A4C269



66965D



474A43



5C8A00



070A00

Inverse Universe

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



705D96



8669C2



8D5D96



45434A



2E008A



03000A

Previews

White Background



This preview shows how the Hex color 83965D looks on a white background.

Color Contrast Check

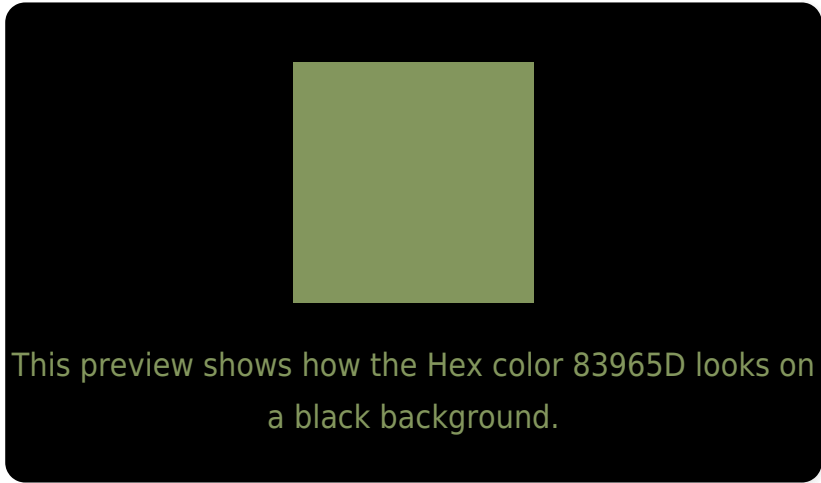
Large Text (above 18pt) WCAG AA ✓ Pass

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 83965D Background



This preview shows how black text looks on a background with the Hex color 83965D.



This preview shows how white text looks on a background with the Hex color 83965D.

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](#).

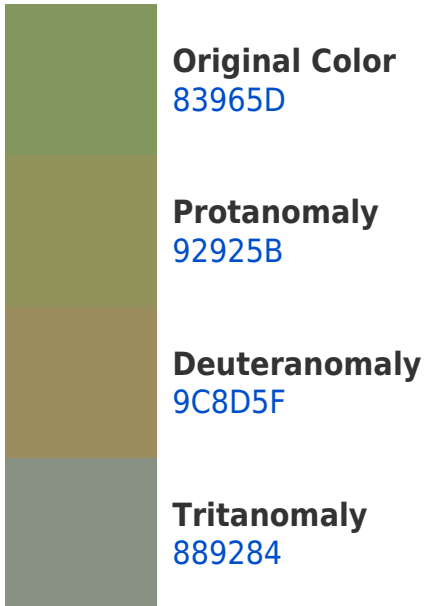
Dichromacy



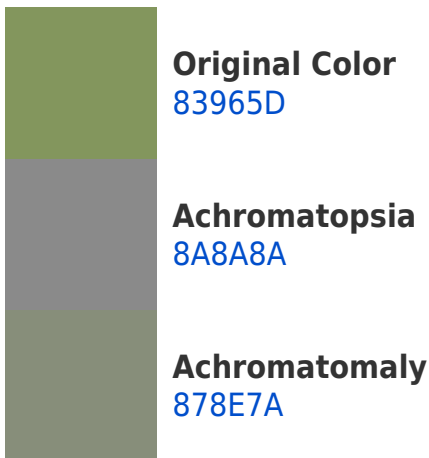


Tritanopia
8B8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83965D 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 #83965D looks like.

```
.text, #text, p{  
    color:#83965D  
}
```

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 #83965D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83965D
}
```

Border

The CSS property to change the border of an element to Hex 83965D 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
#83965D }
```

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

```
.border{ border-color:#83965D }
```

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

Here you see how a box with a 4 pixel #83965D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83965D; -webkit-box-shadow:4px 4px  
4px 4px #83965D; box-shadow:4px 4px 4px  
4px #83965D }
```

Background

The CSS property to change the background color of an element to Hex 83965D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83965D }
```

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

```
.background{ background-color:#83965D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor