

# Converting Colors

Hex(865D4D)

Have a look what the booklet for  
Hex(865D4D) contains.

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**Color**

**Hex(865D4D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	865D4D
RGB	134, 93, 77
RGB Percent	53%, 36%, 30%
CMY	0.4745, 0.6353, 0.6980
CMYK	0.00, 0.31, 0.43, 0.47
HSL	17°, 27%, 41%
HSV	17°, 43%, 53%
XYZ	15.0854, 13.4329, 8.8189
YIQ	103.4350, 29.5720, 3.7160

# Conversions

## Conversions Part 2

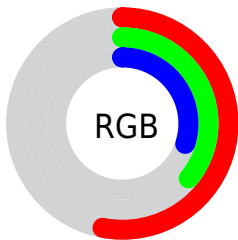
Format	Color
<b>RYB</b>	134, 99, 77
Decimal	8805709
CIELab	43.41, 14.64, 15.90
CIElCh	43, 21.612, 47.348
Yxy	13.4329, 0.4040, 0.3598
Android (android.graphics.Color)	4286995789 (0xFF865D4D)
YUV	103.4350, -13.0325, 26.8055
Hunter-Lab	36.6509, 9.3312, 11.3893

# Details

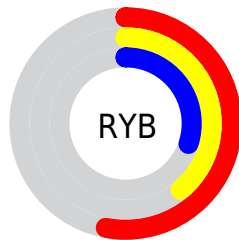
The Hex color **865D4D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4D7686**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **BD8F7E**, and **522F21** is the 20% darker color. If you saturate the color by 10%, you get **865340**, and if you desaturate by 10%, it is **86675A**.

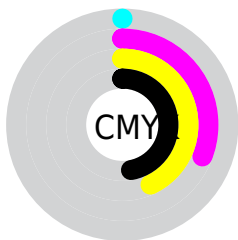
# Distribution



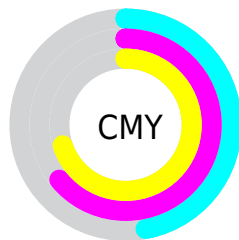
- Red (53%)
- Green (36%)
- Blue (30%)



- Red (53%)
- Yellow (39%)
- Blue (30%)



- Cyan (0%)
- Magenta (31%)
- Yellow (43%)
- Black (47%)



- Cyan (47%)
- Magenta (64%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 865D4D 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 865D4D by changing the saturation by 10% instead.



 865D4D

 865D4D

FFFFFF

 6C4536

 BD8F7E

 522F21

 D9AA98

 3A190B

 F6C5B3

 240000

 FFE1CE

 000000

 FFFEEA

 865D4D

 865D4D

 865340

 86675A

 864A32

 867068

 864025

 867A75

 863617

 868483

 862D0A

 868D90

 862600

 86979D

 86A0AB

 86AAB8

 86B4C6

# Harmonies

## Analogous

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



8A595D



865D4D



7A6344

# Triad

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



865D4D



3F705E



5E6589

# Complementary

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



865D4D



4D7686

# 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.



436B89



865D4D



2E7071

# Square

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



865D4D



546D4E



2E6F80



765E7F

# Rectangle

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



865D4D



6F6743



2E6F80



55678A



# Sweetspot

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



865D4D



AD9D97



864D77



574D49



D6D6D6



575757



# Same Dimension

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



865D4D



AD6E55



86794D



423E3C



822500



030100



# Inverse Universe

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



4D7686



5595AD



4D5A86



3C4042



005E82



000203



# Previews

## White Background



This preview shows how the Hex color 865D4D looks on a white background.

## Color Contrast Check

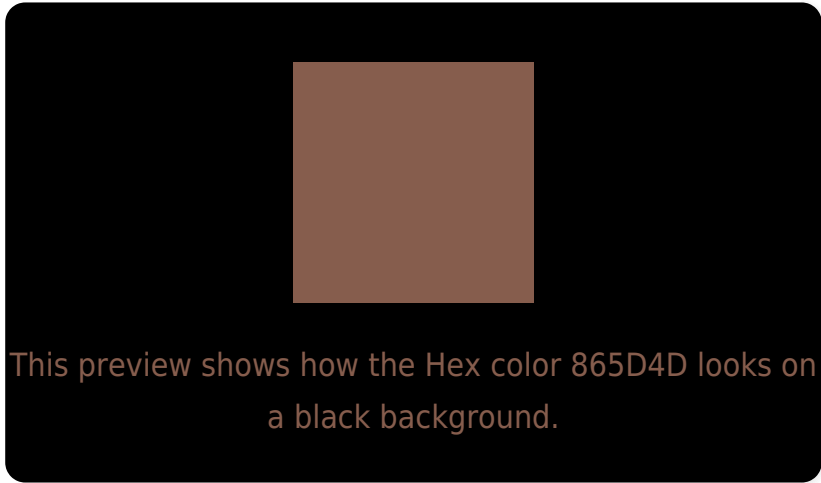
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

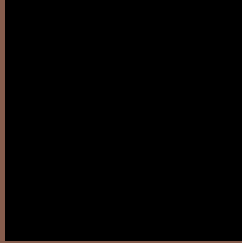
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 865D4D Background



This preview shows how black text looks on a background with the Hex color 865D4D.



This preview shows how white text looks on a background with the Hex color 865D4D.

# 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**  
865D4D

**Protanopia**  
6D6751

**Deuteranopia**  
7A634C



**Tritanopia**  
885A61

# Trichromacy



**Original Color**  
865D4D

**Protanomaly**  
766350

**Deuteranomaly**  
7E614C

**Tritanomaly**  
875B5A

# Monochromacy



**Original Color**  
865D4D

**Achromatopsia**  
676767

**Achromatomaly**  
72635E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 865D4D 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 #865D4D looks like.

```
.text, #text, p{  
    color:#865D4D  
}
```

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 #865D4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #865D4D
}
```

## Border

The CSS property to change the border of an element to Hex 865D4D 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".

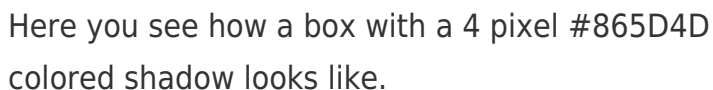
```
.border, #border, table{ border:4px solid
#865D4D }
```

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

```
.border{ border-color:#865D4D }
```

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

Here you see how a box with a 4 pixel #865D4D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #865D4D; -webkit-box-shadow:4px 4px  
4px 4px #865D4D; box-shadow:4px 4px 4px  
4px #865D4D }
```

# Background

The CSS property to change the background color of an element to Hex 865D4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#865D4D }
```

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

```
.background{ background-color:#865D4D }
```

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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