

# Converting Colors

Hex(8D7850)

Have a look what the booklet for  
Hex(8D7850) contains.

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**Color**

**Hex(8D7850)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 8D7850                     |
| RGB           | 141, 120, 80               |
| RGB Percent   | 55%, 47%, 31%              |
| CMY           | 0.4471, 0.5294, 0.6863     |
| CMYK          | 0.00, 0.15, 0.43, 0.45     |
| HSL           | 39°, 28%, 43%              |
| HSV           | 39°, 43%, 55%              |
| XYZ           | 19.1489, 19.6748, 10.3778  |
| YIQ           | 121.7190, 25.3560, -7.9880 |

# Conversions

## Conversions Part 2

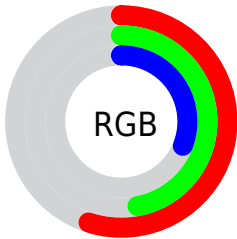
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 112, 141, 80                   |
| Decimal                             | 9271376                        |
| CIE <sub>Lab</sub>                  | 51.47, 2.31, 24.97             |
| CIE <sub>LCh</sub>                  | 51, 25.072, 84.721             |
| Yxy                                 | 19.6748, 0.3892,<br>0.3999     |
| Android<br>(android.graphics.Color) | 4287461456<br>(0xFF8D7850)     |
| YUV                                 | 121.7190, -20.5675,<br>16.9094 |
| Hunter-Lab                          | 44.3563, -0.5639,<br>17.1777   |

# Details

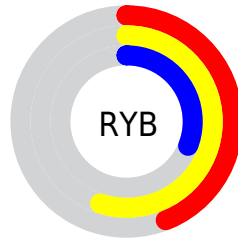
The Hex color **8D7850** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **50658D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **C4AC82**, and **594822** is the 20% darker color. If you saturate the color by 10%, you get **8D7342**, and if you desaturate by 10%, it is **8D7D5E**.

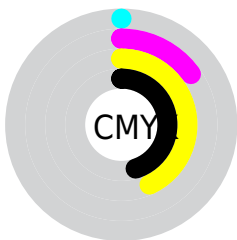
# Distribution



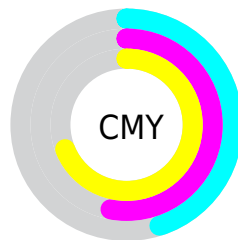
- Red (55%)
- Green (47%)
- Blue (31%)



- Red (44%)
- Yellow (55%)
- Blue (31%)



- Cyan (0%)
- Magenta (15%)
- Yellow (43%)
- Black (45%)



- Cyan (45%)
- Magenta (53%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D7850 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 8D7850 by changing the saturation by 10% instead.



 8D7850

 8D7850

FFFFFF

 735F39

 C4AC82

 594822

 E0C79C

 41310D

 FDE3B7

 2A1D00

 FFFFD3

 0E0300

 FFFFEE

 000000

 8D7850

 8D7850

 8D7342

 8D7D5E

 8D6E34

 8D826C

 8D6926

 8D877A

 8D6518

 8D8B88

 8D6009

 8D9097

 8D5C00

 8D95A5

 8D9AB3

 8D9FC1

 8DA4CF

# Harmonies

## Analogous

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



9D7158



8D7850



777F53

# Triad

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



8D7850



33868C



926F94

# Complementary

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



8D7850



50658D

# 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.



7876A1



8D7850



3B839D

# Square

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



8D7850



458676



587EA5



A26B7F

# Rectangle

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



8D7850



67825C



587EA5



8B7199



# Sweetspot

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



8D7850



B8AFA0



8D5065



5C574D



DBDBDB



5C5C5C



# Same Dimension

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



8D7850



B89758



848D50



474540



875900



080500



# Inverse Universe

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



50658D



5879B8



59508D



404347



002F87

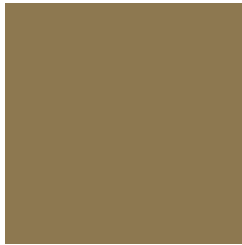


000308



# Previews

## White Background



This preview shows how the Hex color 8D7850 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

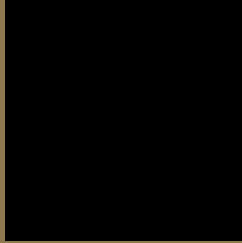
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8D7850 Background



This preview shows how black text looks on a background with the Hex color 8D7850.



This preview shows how white text looks on a background with the Hex color 8D7850.

# 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**  
8D7850

**Protanopia**  
857B51

**Deuteranopia**  
947551



**Tritanopia**  
91737B

# Trichromacy



**Original Color**  
8D7850

**Protanomaly**  
887A51

**Deuteranomaly**  
917651

**Tritanomaly**  
90756B

# Monochromacy



**Original Color**  
8D7850

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
81796B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D7850 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 #8D7850 looks like.

```
.text, #text, p{  
    color:#8D7850  
}
```

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 #8D7850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D7850
}
```

## Border

The CSS property to change the border of an element to Hex 8D7850 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
#8D7850 }
```

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

```
.border{ border-color:#8D7850 }
```

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

Here you see how a box with a 4 pixel #8D7850 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D7850; -webkit-box-shadow:4px 4px  
4px 4px #8D7850; box-shadow:4px 4px 4px  
4px #8D7850 }
```

# Background

The CSS property to change the background color of an element to Hex 8D7850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D7850 }
```

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

```
.background{ background-color:#8D7850 }
```

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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