

# Converting Colors

Hex(8D7668)

Have a look what the booklet for  
Hex(8D7668) contains.

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**Color**

**Hex(8D7668)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D7668
RGB	141, 118, 104
RGB Percent	55%, 46%, 41%
CMY	0.4471, 0.5373, 0.5922
CMYK	0.00, 0.16, 0.26, 0.45
HSL	23°, 15%, 48%
HSV	23°, 26%, 55%
XYZ	19.9616, 19.6191, 15.8315
YIQ	123.2810, 18.2020, 0.5220

# Conversions

## Conversions Part 2

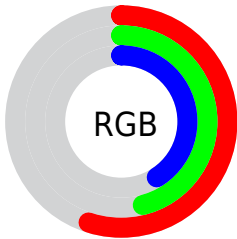
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 127, 104
Decimal	9270888
CIELab	51.40, 6.67, 11.05
CIELCh	51, 12.904, 58.868
Yxy	19.6191, 0.3602, 0.3541
Android (android.graphics.Color)	4287460968 (0xFF8D7668)
YUV	123.2810, -9.5055, 15.5396
Hunter-Lab	44.2934, 2.9308, 9.8138

# Details

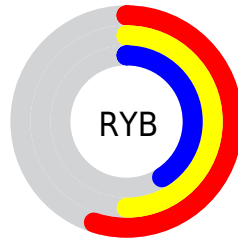
The Hex color **8D7668** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **687F8D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **C3AA9B**, and **5A4639** is the 20% darker color. If you saturate the color by 10%, you get **8D6D5A**, and if you desaturate by 10%, it is **8D7F76**.

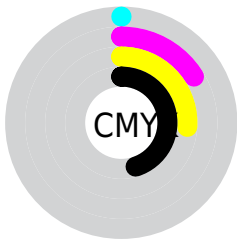
# Distribution



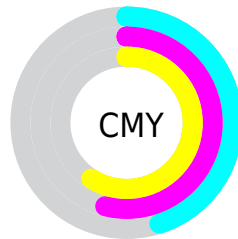
- Red (55%)
- Green (46%)
- Blue (41%)



- Red (55%)
- Yellow (50%)
- Blue (41%)



- Cyan (0%)
- Magenta (16%)
- Yellow (26%)
- Black (45%)



- Cyan (45%)
- Magenta (54%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D7668 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 8D7668 by changing the saturation by 10% instead.





8D7668



8D7668

FFFFFF



735D50



C3AA9B



5A4639



DFC5B6



422F23



FCE1D2



2B1B0E



FFFEED



150000



000000



8D7668



8D7668



8D6D5A



8D7F76



8D644C



8D8884

 8D5C3E

 8D9092

 8D5330

 8D99A0

 8D4A22

 8DA2AF

 8D4113

 8DABBD

 8D3905

 8DB3CB

 8D3500

 8DBCD9

 8DC5E7

# Harmonies

## Analogous

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



927370



8D7668



847A65

# Triad

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



8D7668



61817A



7C788E

# Complementary

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



8D7668



687F8D

# 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.



6E7C90



8D7668



5D8185

# Square

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



8D7668



6B806F



627F8D



897586

# Rectangle

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



8D7668



7C7C66



627F8D



77798F



# Sweetspot

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



8D7668



B8AEA9



8D687F



5C5653



DBDBDB



5C5C5C



# Same Dimension

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



8D7668



B8947F



8D8868



474340



873300



080300



# Inverse Universe

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



687F8D



7FA2B8



686D8D



404547



005487



000508



# Previews

## White Background



This preview shows how the Hex color 8D7668 looks on a white background.

## Color Contrast Check

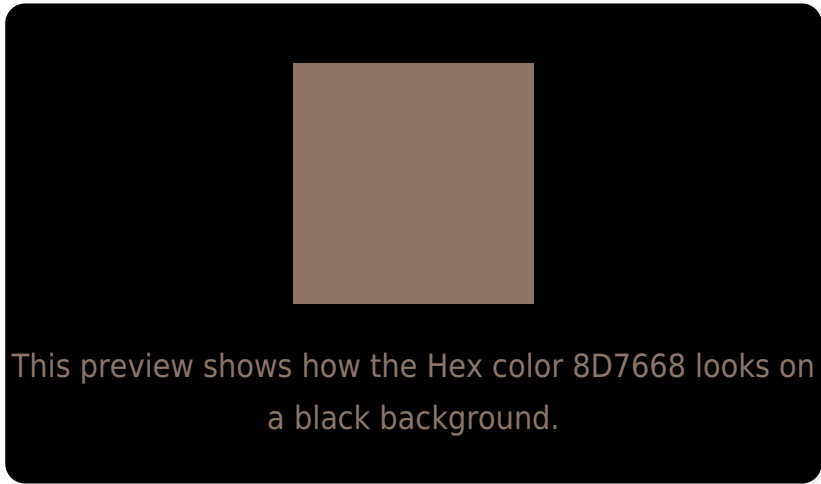
Large Text (above 18pt) WCAG AA ✓ Pass

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 8D7668 Background



This preview shows how black text looks on a background with the Hex color 8D7668.

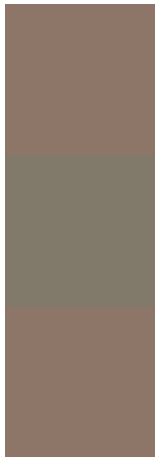


This preview shows how white text looks on a background with the Hex color 8D7668.

# 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**  
8D7668

**Protanopia**  
817A6A

**Deuteranopia**  
8D7668



**Tritanopia**  
8F737C

# Trichromacy



**Original Color**

8D7668

**Protanomaly**

857969

**Deuteranomaly**

8D7668

**Tritanomaly**

8E7475

# Monochromacy



**Original Color**

8D7668

**Achromatopsia**

7B7B7B

**Achromatomaly**

827974

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D7668 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 #8D7668 looks like.

```
.text, #text, p{  
    color:#8D7668  
}
```

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 #8D7668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D7668
}
```

## Border

The CSS property to change the border of an element to Hex 8D7668 is called "border". The border property can be set on classes, ids or directly on the HTML element.

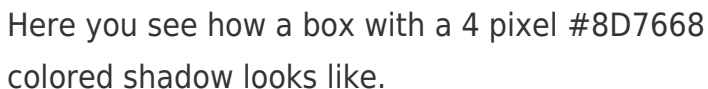
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8D7668 }
```

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

```
.border{ border-color:#8D7668 }
```

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



Here you see how a box with a 4 pixel #8D7668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D7668; -webkit-box-shadow:4px 4px  
4px 4px #8D7668; box-shadow:4px 4px 4px  
4px #8D7668 }
```

# Background

The CSS property to change the background color of an element to Hex 8D7668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D7668 }
```

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

```
.background{ background-color:#8D7668 }
```

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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