

# Converting Colors

Hex(787B65)

Have a look what the booklet for  
Hex(787B65) contains.

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# Color

Hex(787B65)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	787B65
RGB	120, 123, 101
RGB Percent	47%, 48%, 40%
CMY	0.5294, 0.5176, 0.6039
CMYK	0.02, 0.00, 0.18, 0.52
HSL	68°, 10%, 44%
HSV	68°, 18%, 48%
XYZ	17.1777, 19.0986, 15.0930
YIQ	119.5950, 5.2740, -7.4780

# Conversions

## Conversions Part 2

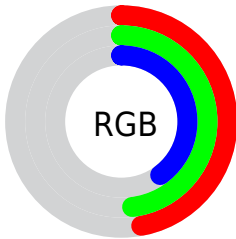
<b>Format</b>	<b>Color</b>
RYB	101, 123, 104
Decimal	7895909
CIELab	50.80, -5.25, 11.67
CIElCh	51, 12.796, 114.223
Yxy	19.0986, 0.3344, 0.3718
Android (android.graphics.Color)	4286085989 (0xFF787B65)
YUV	119.5950, -9.1673, 0.3552
Hunter-Lab	43.7019, -6.3164, 10.1149

# Details

The Hex color **787B65** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **68657B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **ACAF98**, and **474A36** is the 20% darker color. If you saturate the color by 10%, you get **767B59**, and if you desaturate by 10%, it is **7A7B71**.

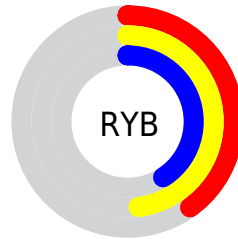
# Distribution



Red (47%)

Green (48%)

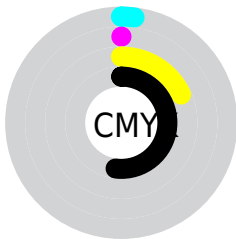
Blue (40%)



Red (40%)

Yellow (48%)

Blue (41%)

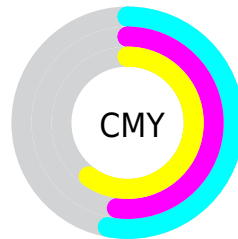


Cyan (2%)

Magenta (0%)

Yellow (18%)

Black (52%)



Cyan (53%)

Magenta (52%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 787B65 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 787B65 by changing the saturation by 10% instead.



 787B65

 787B65

FFFFFF

 5F624D

 ACAF98

 474A36

 C8CBB3

 313421

 E4E7CE

 1C1F0B

 FFFFEA

 000500

 000000

 787B65

 787B65

 767B59


 7A7B71

 757B4C

 7B7B7E

 737B40

 7D7B8A

 717B34

 7F7B96

 707B27

 807BA3

 6E7B1B

 827BAF

 6C7B0F

 847BBB

 6B7B03

 857BC7

 6A7B00

 877BD4

# Harmonies

## Analogous

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



847763



787B65



6C7E6C

# Triad

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



787B65



5F7E8A



8E727C

# Complementary

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



787B65



68657B

# 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.



857486



787B65



6A7B8E

# Square

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



787B65



5C7F81



78778D



907270

# Rectangle

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



787B65



647F73



78778D



8B727F



# Sweetspot

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



787B65



A0A199



7B6865



51524D



D1D1D1



525252



# Same Dimension

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



787B65



9CA17F



6D7B65



3C3D37



6C7D00



DAFC00



# Inverse Universe

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



68657B



847FA1



73657B



38373D



11007D



2200FC



# Previews

## White Background



This preview shows how the Hex color 787B65 looks on a white background.

## Color Contrast Check

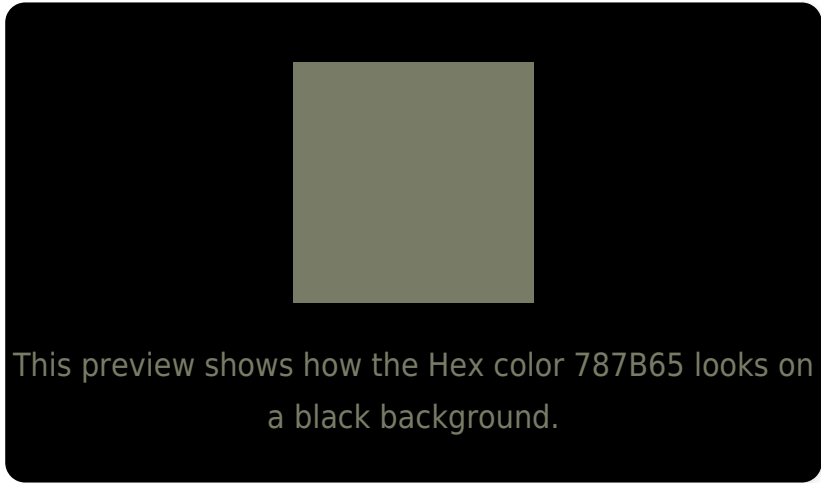
Large Text (above 18pt) WCAG AA ✓ Pass

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

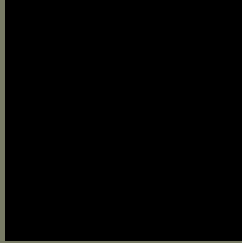
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

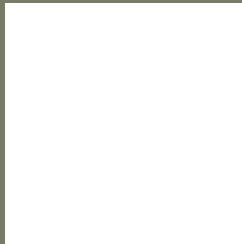
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 787B65 Background



This preview shows how black text looks on a background with the Hex color 787B65.



This preview shows how white text looks on a background with the Hex color 787B65.

# 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**  
787B65

**Protanopia**  
807964

**Deuteranopia**  
8B7466



**Tritanopia**  
7C7781

# Trichromacy



**Original Color**  
787B65

**Protanomaly**  
7D7A64

**Deuteranomaly**  
847766

**Tritanomaly**  
7B7877

# Monochromacy



**Original Color**  
787B65

**Achromatopsia**  
787878

**Achromatomaly**  
787971

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 787B65 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 #787B65 looks like.

```
.text, #text, p{  
    color:#787B65  
}
```

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 #787B65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #787B65
}
```

## Border

The CSS property to change the border of an element to Hex 787B65 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
#787B65 }
```

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

```
.border{ border-color:#787B65 }
```

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

Here you see how a box with a 4 pixel #787B65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #787B65; -webkit-box-shadow:4px 4px  
4px 4px #787B65; box-shadow:4px 4px 4px  
4px #787B65 }
```

# Background

The CSS property to change the background color of an element to Hex 787B65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#787B65 }
```

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

```
.background{ background-color:#787B65 }
```

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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