

# Converting Colors

Hex(7C875D)

Have a look what the booklet for  
Hex(7C875D) contains.

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**Color**

**Hex(7C875D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C875D
RGB	124, 135, 93
RGB Percent	49%, 53%, 36%
CMY	0.5137, 0.4706, 0.6353
CMYK	0.08, 0.00, 0.31, 0.47
HSL	76°, 18%, 45%
HSV	76°, 31%, 53%
XYZ	18.9519, 22.4033, 13.6813
YIQ	126.9230, 6.9260, -15.3940

# Conversions

## Conversions Part 2

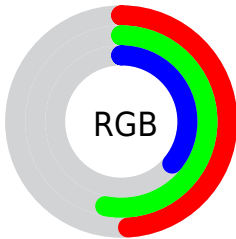
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 135, 104
Decimal	8161117
CIE Lab	54.45, -11.57, 21.30
CIE LCh	54, 24.235, 118.509
Yxy	22.4033, 0.3444, 0.4071
Android (android.graphics.Color)	4286351197 (0xFF7C875D)
YUV	126.9230, -16.7240, -2.5635
Hunter-Lab	47.3322, -11.3594, 15.9948

# Details

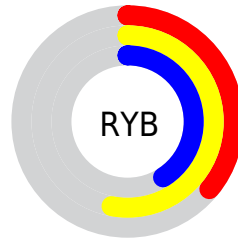
The Hex color **7C875D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **685D87**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B1BC90**, and **4A552E** is the 20% darker color. If you saturate the color by 10%, you get **78874F**, and if you desaturate by 10%, it is **80876B**.

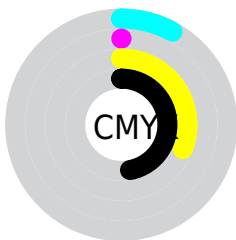
# Distribution



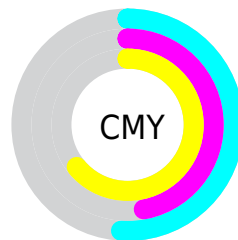
- Red (49%)
- Green (53%)
- Blue (36%)



- Red (36%)
- Yellow (53%)
- Blue (41%)



- Cyan (8%)
- Magenta (0%)
- Yellow (31%)
- Black (47%)



- Cyan (51%)
- Magenta (47%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C875D 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 7C875D by changing the saturation by 10% instead.



 7C875D

 7C875D

FFFFFF

 636E45

 B1BC90

 4A552E

 CDD8AA

 333E19

 E9F4C6

 1E2800

 FFFFE2

 001500

FFFFFFE

 000000

 7C875D

 7C875D

 78874F

 80876B

 758742

 838778

 718735

 878785

 6E8727

 8A8793

 6A871A

 8E87A1

 67870C

 9187AE

 648700

 9587BB

 9887C9

 9C87D7

# Harmonies

## Analogous

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



928158



7C875D



648C6C

# Triad

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



7C875D



4A8AA5



AA7384

# Complementary

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



7C875D



685D87

# 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.



9C7698



7C875D



6585AC

# Square

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



7C875D



408D95



847DA7



AC746F

# Rectangle

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



7C875D



548D79



847DA7



A6738B



# Sweetspot

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



7C875D



ACB0A0



87685D



57594F



D9D9D9



595959



# Same Dimension

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



7C875D



9FB06F



68875D



41423C



608200



020300



# Inverse Universe

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



685D87



806FB0



7D5D87



3D3C42



220082



010003



# Previews

## White Background



This preview shows how the Hex color 7C875D looks on a white background.

## Color Contrast Check

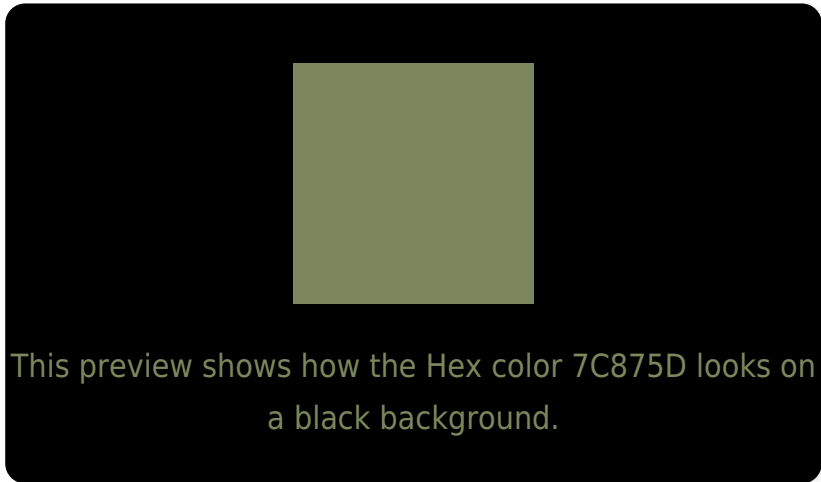
Large Text (above 18pt) WCAG AA ✓ Pass

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

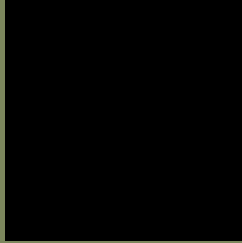
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7C875D Background



This preview shows how black text looks on a background with the Hex color 7C875D.



This preview shows how white text looks on a background with the Hex color 7C875D.

# 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**  
7C875D

**Protanopia**  
8C825B

**Deuteranopia**  
9A7D5F



**Tritanopia**  
82818B

# Trichromacy



**Original Color**  
7C875D

**Protanomaly**  
86845C

**Deuteranomaly**  
8F815E

**Tritanomaly**  
80837A

# Monochromacy



**Original Color**  
7C875D

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
7E8273

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C875D 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 #7C875D looks like.

```
.text, #text, p{  
    color:#7C875D  
}
```

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 #7C875D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C875D
}
```

## Border

The CSS property to change the border of an element to Hex 7C875D 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
#7C875D }
```

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

```
.border{ border-color:#7C875D }
```

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

Here you see how a box with a 4 pixel #7C875D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C875D; -webkit-box-shadow:4px 4px  
4px 4px #7C875D; box-shadow:4px 4px 4px  
4px #7C875D }
```

# Background

The CSS property to change the background color of an element to Hex 7C875D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C875D }
```

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

```
.background{ background-color:#7C875D }
```

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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