

Converting Colors

Hex(807C5D)

Have a look what the booklet for
Hex(807C5D) contains.

Hex(807C5D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(807C5D)

Conversions

Conversions Part 1

Format	Color
Hex	807C5D
RGB	128, 124, 93
RGB Percent	50%, 49%, 36%
CMY	0.4980, 0.5137, 0.6353
CMYK	0.00, 0.03, 0.27, 0.50
HSL	53°, 16%, 43%
HSV	53°, 27%, 50%
XYZ	18.0855, 19.7948, 13.2235
YIQ	121.6620, 12.3350, -8.7930

Conversions

Conversions Part 2

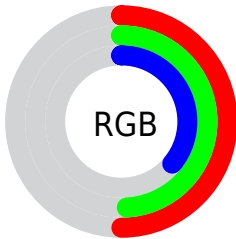
Format	Color
RYB	98, 128, 93
Decimal	8420445
CIELab	51.60, -3.81, 17.52
CIELCh	52, 17.926, 102.279
Yxy	19.7948, 0.3539, 0.3873
Android (android.graphics.Color)	4286610525 (0xFF807C5D)
YUV	121.6620, -14.1304, 5.5584
Hunter-Lab	44.4914, -5.3005, 13.5221

Details

The Hex color **807C5D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5D6180**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B5B08F**, and **4E4B2F** is the 20% darker color. If you saturate the color by 10%, you get **807B50**, and if you desaturate by 10%, it is **807D6A**.

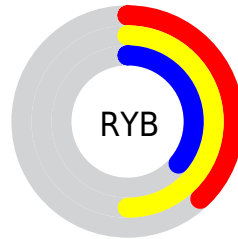
Distribution



Red (50%)

Green (49%)

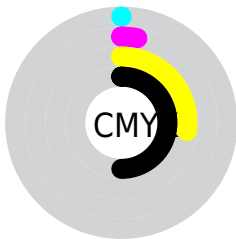
Blue (36%)



Red (38%)

Yellow (50%)

Blue (36%)

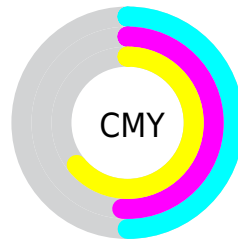


Cyan (0%)

Magenta (3%)

Yellow (27%)

Black (50%)



Cyan (50%)

Magenta (51%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 807C5D 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 807C5D by changing the saturation by 10% instead.

 807C5D

 807C5D

FFFFFF

 676345

 B5B08F

 4E4B2F

 D1CCAA

 373519

 EDE8C5

 222000

 FFFFE1

 000900

FFFFFFE

 000000

 807C5D

 807C5D

 807B50

 807D6A

 807943

 807F77

■ 807837

■ 808083

■ 80762A

■ 808290

■ 80751D

■ 80839D

■ 807310

■ 8085AA

■ 807203

■ 8086B7

■ 807100

■ 8088C3

■ 8089D0

Harmonies

Analogous

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



8F775E



807C5D



6F8064

Triad

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



807C5D



51828F



947185

Complementary

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



807C5D



5D6180

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.



857592



807C5D



5D7F98

Square

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



807C5D



528481



717A99



9A7075

Rectangle

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



807C5D



63826C



717A99



90728A

Sweetspot

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



807C5D



A6A498



805D61



54534C



D4D4D4



545454

Same Dimension

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



807C5D



A69F6F



73805D



403F39



807100



000000

Inverse Universe

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



5D6180



6F75A6



6A5D80



393A40



000F80



000000

Previews

White Background



This preview shows how the Hex color 807C5D looks on a white background.

Color Contrast Check

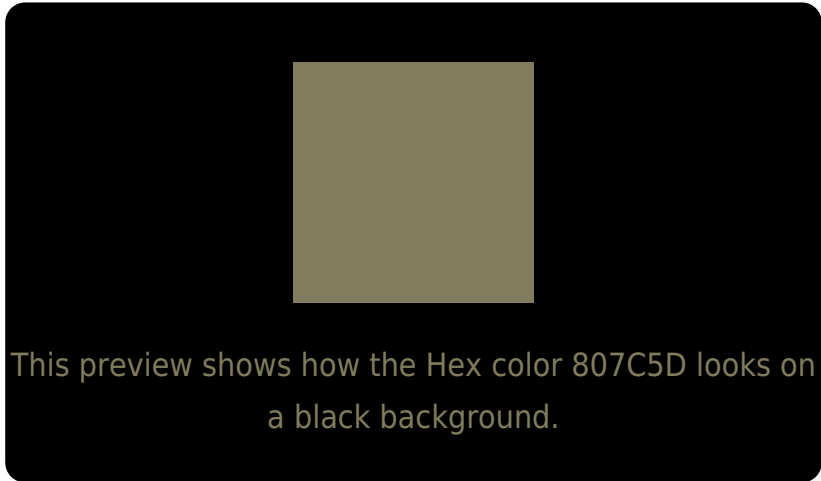
Large Text (above 18pt) WCAG AA ✓ Pass

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

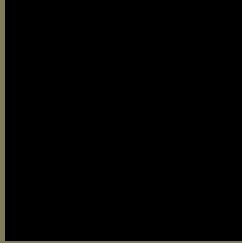
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

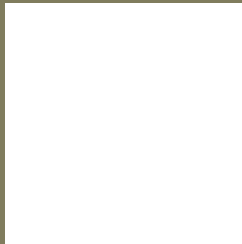
Any Text WCAG AAA × Fail

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

Hex 807C5D Background



This preview shows how black text looks on a background with the Hex color 807C5D.



This preview shows how white text looks on a background with the Hex color 807C5D.

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
807C5D

Protanopia
847B5C

Deuteranopia
90765E



Tritanopia
847781

Trichromacy



Original Color
807C5D

Protanomaly
837B5C

Deuteranomaly
8A785E

Tritanomaly
837974

Monochromacy



Original Color
807C5D

Achromatopsia
7A7A7A

Achromatomaly
7C7B6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 807C5D 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 #807C5D looks like.

```
.text, #text, p{  
    color:#807C5D  
}
```

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 #807C5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807C5D
}
```

Border

The CSS property to change the border of an element to Hex 807C5D 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
#807C5D }
```

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

```
.border{ border-color:#807C5D }
```

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

Here you see how a box with a 4 pixel #807C5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807C5D; -webkit-box-shadow:4px 4px  
4px 4px #807C5D; box-shadow:4px 4px 4px  
4px #807C5D }
```

Background

The CSS property to change the background color of an element to Hex 807C5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807C5D }
```

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

```
.background{ background-color:#807C5D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor