

Converting Colors

Hex(807E47)

Have a look what the booklet for
Hex(807E47) contains.

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Color

Hex(807E47)

Conversions

Conversions Part 1

Format	Color
Hex	807E47
RGB	128, 126, 71
RGB Percent	50%, 49%, 28%
CMY	0.4980, 0.5059, 0.7216
CMYK	0.00, 0.02, 0.45, 0.50
HSL	58°, 29%, 39%
HSV	58°, 45%, 50%
XYZ	17.5003, 19.9658, 8.8927
YIQ	120.3280, 18.8470, -16.6810

Conversions

Conversions Part 2

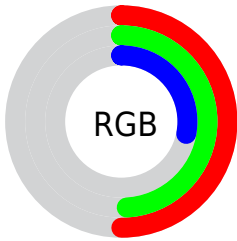
Format	Color
RYB	73, 128, 71
Decimal	8420935
CIELab	51.80, -7.79, 30.12
CIElCh	52, 31.110, 104.492
Yxy	19.9658, 0.3775, 0.4307
Android (android.graphics.Color)	4286611015 (0xFF807E47)
YUV	120.3280, -24.3187, 6.7283
Hunter-Lab	44.6831, -8.2855, 19.4785

Details

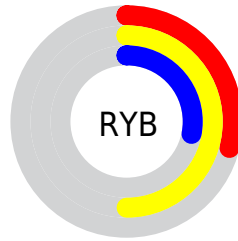
The Hex color **807E47** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **474980**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B6B379**, and **4D4D19** is the 20% darker color. If you saturate the color by 10%, you get **807E3A**, and if you desaturate by 10%, it is **807E54**.

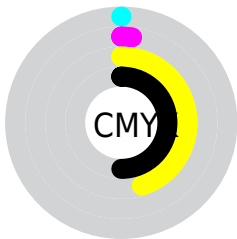
Distribution



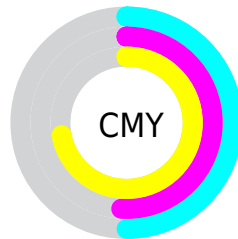
- Red (50%)
- Green (49%)
- Blue (28%)



- Red (29%)
- Yellow (50%)
- Blue (28%)



- Cyan (0%)
- Magenta (2%)
- Yellow (45%)
- Black (50%)



- Cyan (50%)
- Magenta (51%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 807E47 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 807E47 by changing the saturation by 10% instead.



807E47



807E47

FFFFFF



666530



B6B379



4D4D19



D2CE93



353700



EFEAAD



1F2100



FFFFC9



000C00



FFFFE5



000000



807E47



807E47



807E3A



807E54



807D2D



807F61

 807D21

 807F6D

 807C14

 80807A

 807C07

 808087

 807C00

 808194

 8081A1

 8082AD

 8082BA

Harmonies

Analogous

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



997548



807E47



628555

Triad

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



807E47



0088A0



A7688A

Complementary

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



807E47



474980

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.



8F70A2



807E47



3A82AE

Square

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



807E47



108A88



6A7AAF



AF676F

Rectangle

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



807E47



4C8864



6A7AAF



A06A93

Sweetspot

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



807E47



A6A590



80474A



545447



D4D4D4



545454

Same Dimension

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



807E47



A6A34E



668047



404039



807B00



000000

Inverse Universe

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



474980



4E51A6



614780



393A40



000480



000000

Previews

White Background



This preview shows how the Hex color 807E47 looks on a white background.

Color Contrast Check

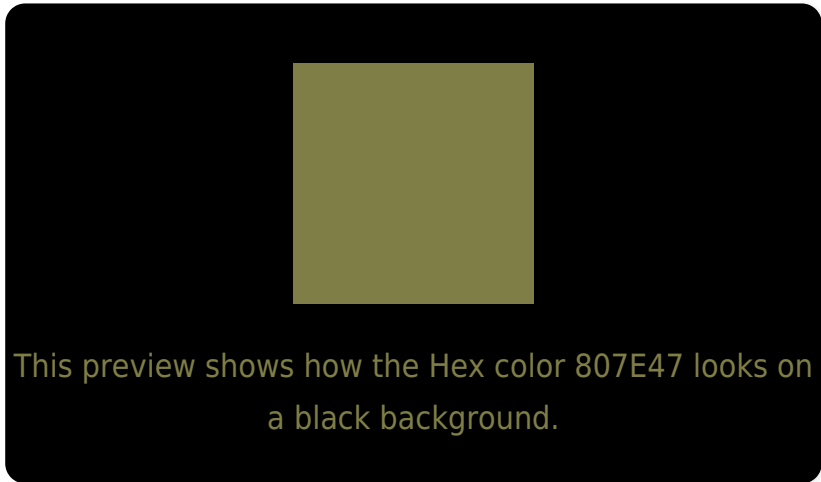
Large Text (above 18pt) WCAG AA ✓ Pass

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

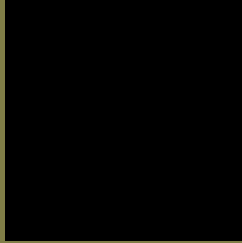
Any Text WCAG AA ✓ Pass

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 807E47 Background



This preview shows how black text looks on a background with the Hex color 807E47.



This preview shows how white text looks on a background with the Hex color 807E47.

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
807E47

Protanopia
887C46

Deuteranopia
967649



Tritanopia
867781

Trichromacy



Original Color
807E47

Protanomaly
857D46

Deuteranomaly
8E7948

Tritanomaly
847A6C

Monochromacy



Original Color
807E47

Achromatopsia
787878

Achromatomaly
7B7A66

CSS Examples

Text

The CSS property to change the color of the text to Hex 807E47 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 #807E47 looks like.

```
.text, #text, p{  
    color:#807E47  
}
```

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 #807E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807E47
}
```

Border

The CSS property to change the border of an element to Hex 807E47 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
#807E47 }
```

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

```
.border{ border-color:#807E47 }
```

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

Here you see how a box with a 4 pixel #807E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807E47; -webkit-box-shadow:4px 4px  
4px 4px #807E47; box-shadow:4px 4px 4px  
4px #807E47 }
```

Background

The CSS property to change the background color of an element to Hex 807E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807E47 }
```

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

```
.background{ background-color:#807E47 }
```

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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