

# Converting Colors

Hex(807F43)

Have a look what the booklet for  
Hex(807F43) contains.

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**Color**

**Hex(807F43)**

# Conversions

## Conversions Part 1

Format	Color
Hex	807F43
RGB	128, 127, 67
RGB Percent	50%, 50%, 26%
CMY	0.4980, 0.5020, 0.7373
CMYK	0.00, 0.01, 0.48, 0.50
HSL	59°, 31%, 38%
HSV	59°, 48%, 50%
XYZ	17.5046, 20.1732, 8.2814
YIQ	120.4590, 19.8560, -18.4480

# Conversions

## Conversions Part 2

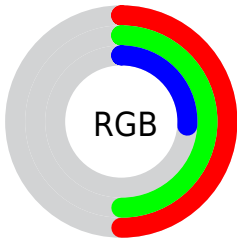
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 128, 67
Decimal	8421187
CIELab	52.03, -8.77, 32.56
CIELCh	52, 33.720, 105.076
Yxy	20.1732, 0.3809, 0.4389
Android (android.graphics.Color)	4286611267 (0xFF807F43)
YUV	120.4590, -26.3553, 6.6135
Hunter-Lab	44.9146, -9.0336, 20.5082

# Details

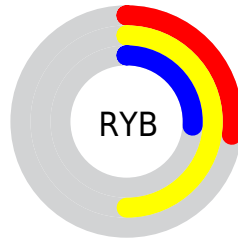
The Hex color **807F43** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **434480**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B6B474**, and **4D4E14** is the 20% darker color. If you saturate the color by 10%, you get **807F36**, and if you desaturate by 10%, it is **807F50**.

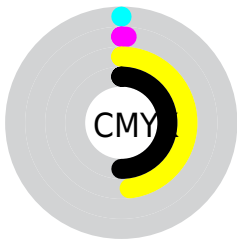
# Distribution



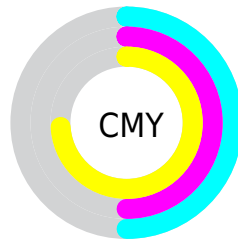
- Red (50%)
- Green (50%)
- Blue (26%)



- Red (27%)
- Yellow (50%)
- Blue (26%)



- Cyan (0%)
- Magenta (1%)
- Yellow (48%)
- Black (50%)



- Cyan (50%)
- Magenta (50%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 807F43 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 807F43 by changing the saturation by 10% instead.





807F43



807F43

FFFFFF



66662B



B6B474



4D4E14



D2CF8E



353700



EFEBA9



1E2200



FFFFC5



000E00



FFFFE1



000000

FFFFFFE



807F43



807F43



807F36



807F50

■ 807F29

■ 807F5D

■ 807E1D

■ 808069

■ 807E10

■ 808076

■ 807E03

■ 808083

■ 807E00

■ 808090

■ 80809D

■ 8081A9

■ 8081B6

# Harmonies

## Analogous

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



9B7544



807F43



608652

# Triad

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



807F43



0089A4



AB678C

# Complementary

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



807F43



434480

# 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.



916FA5



807F43



3083B3

# Square

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



807F43



008B8A



697AB4



B4656E

# Rectangle

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



807F43



468963



697AB4



A46995



# Sweetspot

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



807F43



A6A58F



804344



545446



D4D4D4



545454



# Same Dimension

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



807F43



A6A447



638043



404039



807D00



000000



# Inverse Universe

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



434480



4749A6



604380



393940



000280



000000



# Previews

## White Background



This preview shows how the Hex color 807F43 looks on a white background.

## Color Contrast Check

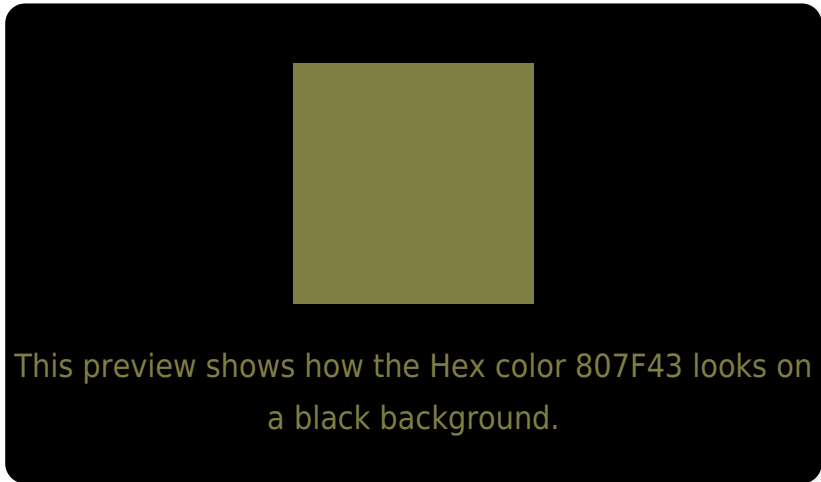
Large Text (above 18pt) WCAG AA ✓ Pass

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

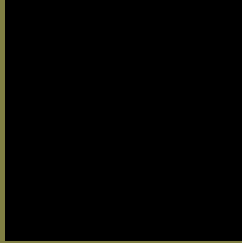
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 807F43 Background



This preview shows how black text looks on a background with the Hex color 807F43.



This preview shows how white text looks on a background with the Hex color 807F43.

# 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**  
807F43

**Protanopia**  
897C42

**Deuteranopia**  
977645



**Tritanopia**  
877881

# Trichromacy



**Original Color**  
807F43

**Protanomaly**  
867D42

**Deuteranomaly**  
8F7944

**Tritanomaly**  
847B6A

# Monochromacy



**Original Color**  
807F43

**Achromatopsia**  
787878

**Achromatomaly**  
7B7B65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 807F43 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 #807F43 looks like.

```
.text, #text, p{  
    color:#807F43  
}
```

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 #807F43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807F43
}
```

## Border

The CSS property to change the border of an element to Hex 807F43 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
#807F43 }
```

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

```
.border{ border-color:#807F43 }
```

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

Here you see how a box with a 4 pixel #807F43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807F43; -webkit-box-shadow:4px 4px  
4px 4px #807F43; box-shadow:4px 4px 4px  
4px #807F43 }
```

# Background

The CSS property to change the background color of an element to Hex 807F43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807F43 }
```

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

```
.background{ background-color:#807F43 }
```

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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