

# Converting Colors

Hex(807B53)

Have a look what the booklet for  
Hex(807B53) contains.

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**Color**

**Hex(807B53)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	807B53
RGB	128, 123, 83
RGB Percent	50%, 48%, 33%
CMY	0.4980, 0.5176, 0.6745
CMYK	0.00, 0.04, 0.35, 0.50
HSL	53°, 21%, 41%
HSV	53°, 35%, 50%
XYZ	17.5464, 19.3796, 10.9995
YIQ	119.9350, 15.8200, -11.3800

# Conversions

## Conversions Part 2

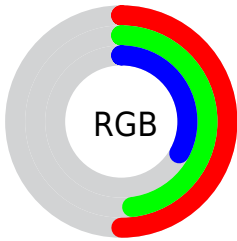
Format	Color
<a href="#">RYB</a>	<a href="#">89, 128, 83</a>
Decimal	<a href="#">8420179</a>
CIELab	<a href="#">51.13, -4.65, 22.59</a>
CIELCh	<a href="#">51, 23.065, 101.624</a>
Yxy	<a href="#">19.3796, 0.3661, 0.4044</a>
Android (android.graphics.Color)	<a href="#">4286610259 (0xFF807B53)</a>
YUV	<a href="#">119.9350, -18.2090, 7.0730</a>
Hunter-Lab	<a href="#">44.0223, -5.8927, 16.0014</a>

# Details

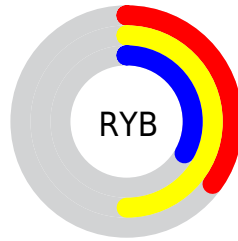
The Hex color **807B53** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **535880**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B5AF85**, and **4E4A25** is the 20% darker color. If you saturate the color by 10%, you get **807A46**, and if you desaturate by 10%, it is **807C60**.

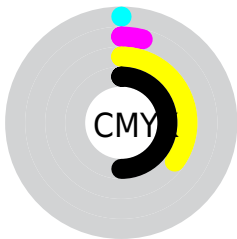
# Distribution



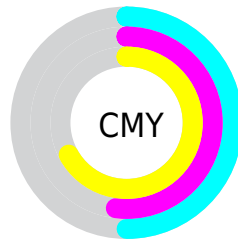
- Red (50%)
- Green (48%)
- Blue (33%)



- Red (35%)
- Yellow (50%)
- Blue (33%)



- Cyan (0%)
- Magenta (4%)
- Yellow (35%)
- Black (50%)



- Cyan (50%)
- Magenta (52%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 807B53 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 807B53 by changing the saturation by 10% instead.





807B53



807B53

FFFFFF



66623C



B5AF85



4E4A25



D1CB9F



363410



EEE7BA



211F00



FFFFD6



000800



FFFFF3



000000



807B53



807B53



807A46



807C60



807839



807E6D

 80772D

 807F79

 807520

 808186

 807413

 808293

 807206

 8084A0

 807200

 8085AD

 8086B9

 8088C6

# Harmonies

## Analogous

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



927455



807B53



6A805C

# Triad

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



807B53



3C8393



996D87

# Complementary

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



807B53



535880

# 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.



867297



807B53



4F7F9F

# Square

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



807B53



408581



6C79A0



A16B73

# Rectangle

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



807B53



5B8366



6C79A0



946E8D



# Sweetspot

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



807B53



A6A494



805358



545349



D4D4D4



545454



# Same Dimension

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



807B53



A69E60



6F8053



403F39



807100



000000



# Inverse Universe

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



535880



6068A6



645380



393A40



000E80



000000



# Previews

## White Background



This preview shows how the Hex color 807B53 looks on a white background.

## Color Contrast Check

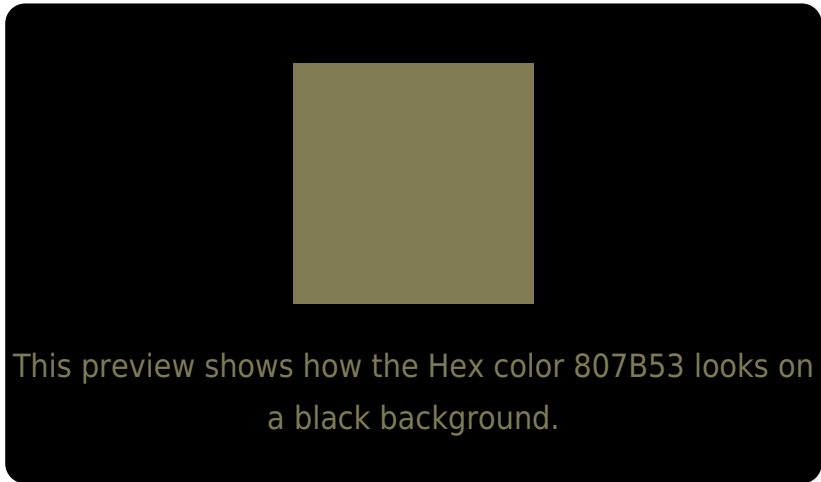
Large Text (above 18pt) WCAG AA ✓ Pass

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

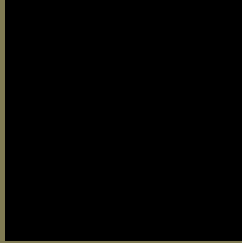
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 807B53 Background



This preview shows how black text looks on a background with the Hex color 807B53.



This preview shows how white text looks on a background with the Hex color 807B53.

# 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**  
807B53

**Protanopia**  
847A52

**Deuteranopia**  
917554



**Tritanopia**  
85767F

# Trichromacy



**Original Color**  
807B53

**Protanomaly**  
837A52

**Deuteranomaly**  
8B7754

**Tritanomaly**  
83786F

# Monochromacy



**Original Color**  
807B53

**Achromatopsia**  
787878

**Achromatomaly**  
7B796B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 807B53 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 #807B53 looks like.

```
.text, #text, p{  
    color:#807B53  
}
```

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 #807B53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807B53
}
```

## Border

The CSS property to change the border of an element to Hex 807B53 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
#807B53 }
```

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

```
.border{ border-color:#807B53 }
```

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

Here you see how a box with a 4 pixel #807B53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807B53; -webkit-box-shadow:4px 4px  
4px 4px #807B53; box-shadow:4px 4px 4px  
4px #807B53 }
```

# Background

The CSS property to change the background color of an element to Hex 807B53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807B53 }
```

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

```
.background{ background-color:#807B53 }
```

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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