

Converting Colors

Hex(807963)

Have a look what the booklet for
Hex(807963) contains.

Hex(807963)	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(807963)

Conversions

Conversions Part 1

Format	Color
Hex	807963
RGB	128, 121, 99
RGB Percent	50%, 47%, 39%
CMY	0.4980, 0.5255, 0.6118
CMYK	0.00, 0.05, 0.23, 0.50
HSL	46°, 13%, 45%
HSV	46°, 23%, 50%
XYZ	17.9916, 19.1648, 14.5553
YIQ	120.5850, 11.2340, -5.3580

Conversions

Conversions Part 2

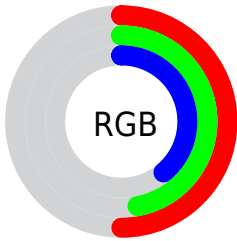
Format	Color
R_{YB}	108, 128, 99
Decimal	8419683
CIE _{Lab}	50.88, -1.19, 13.05
CIE _{LCh}	51, 13.101, 95.196
Yxy	19.1648, 0.3479, 0.3706
Android (android.graphics.Color)	4286609763 (0xFF807963)
YUV	120.5850, -10.6414, 6.5030
Hunter-Lab	43.7776, -3.2514, 10.9314

Details

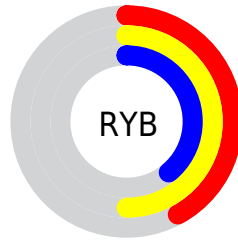
The Hex color **807963** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **636A80**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B5AD96**, and **4E4934** is the 20% darker color. If you saturate the color by 10%, you get **807656**, and if you desaturate by 10%, it is **807C70**.

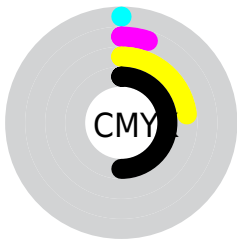
Distribution



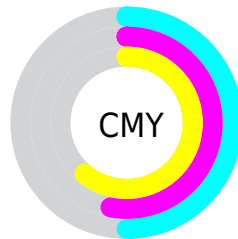
- Red (50%)
- Green (47%)
- Blue (39%)



- Red (42%)
- Yellow (50%)
- Blue (39%)



- Cyan (0%)
- Magenta (5%)
- Yellow (23%)
- Black (50%)



- Cyan (50%)
- Magenta (53%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 807963 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 807963 by changing the saturation by 10% instead.

 807963

 807963

FFFFFF

 67604B

 B5AD96

 4E4934

 D1C9B1

 37321F

 EDE5CC

 221D08

 FFFFE8

 020400

 000000

 807963

 807963

 807656

 807C70

 807349

 807F7D

80703D

808289

806D30

808596

806A23

8088A3

806616

808CB0

806309

808FBD

806100

8092C9

8095D6

Harmonies

Analogous

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



8A7565



807963



737C67

Triad

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



807963



5C7F86



8A7383

Complementary

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



807963



636A80

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.



7E768B



807963



627D8D

Square

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



807963



5E807B



6F798F



907178

Rectangle

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



807963



6B7E6C



6F798F



867386

Sweetspot

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



807963



A6A39A



80636A



54534D



D4D4D4



545454

Same Dimension

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



807963



A69B79



798063



403E39



806100



000000

Inverse Universe

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



636A80



7984A6



6A6380



393B40



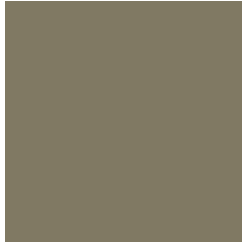
001F80



000000

Previews

White Background



This preview shows how the Hex color 807963 looks on a white background.

Color Contrast Check

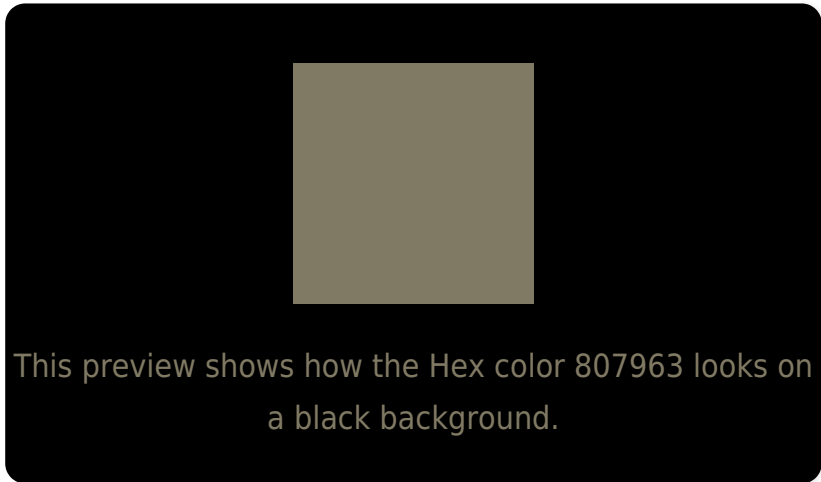
Large Text (above 18pt) WCAG AA ✓ Pass

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

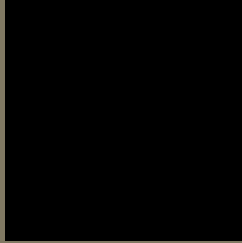
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

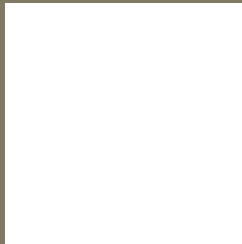
Any Text WCAG AAA × Fail

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

Hex 807963 Background



This preview shows how black text looks on a background with the Hex color 807963.



This preview shows how white text looks on a background with the Hex color 807963.

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
807963

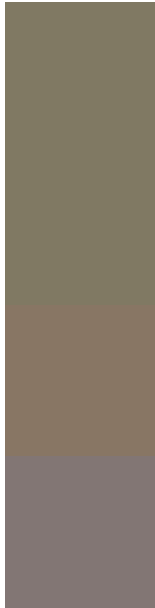
Protanopia
807963

Deuteranopia
8C7464



Tritanopia
83757E

Trichromacy



Original Color
807963

Protanomaly
807963

Deuteranomaly
887664

Tritanomaly
827674

Monochromacy



Original Color
807963

Achromatopsia
797979

Achromatomaly
7C7971

CSS Examples

Text

The CSS property to change the color of the text to Hex 807963 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 #807963 looks like.

```
.text, #text, p{  
    color:#807963  
}
```

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 #807963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807963
}
```

Border

The CSS property to change the border of an element to Hex 807963 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
#807963 }
```

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

```
.border{ border-color:#807963 }
```

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

Here you see how a box with a 4 pixel #807963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807963; -webkit-box-shadow:4px 4px  
4px 4px #807963; box-shadow:4px 4px 4px  
4px #807963 }
```

Background

The CSS property to change the background color of an element to Hex 807963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807963 }
```

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

```
.background{ background-color:#807963 }
```

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