

# Converting Colors

Hex(807162)

Have a look what the booklet for  
Hex(807162) contains.

<b>Hex(807162)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(807162)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	807162
RGB	128, 113, 98
RGB Percent	50%, 44%, 38%
CMY	0.4980, 0.5569, 0.6157
CMYK	0.00, 0.12, 0.23, 0.50
HSL	30°, 13%, 44%
HSV	30°, 23%, 50%
XYZ	17.0118, 17.2813, 13.9943
YIQ	115.7750, 13.7550, -1.4850

# Conversions

## Conversions Part 2

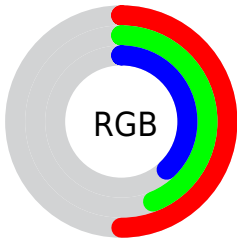
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 128, 98
Decimal	8417634
CIE Lab	48.61, 3.28, 10.47
CIE LCh	49, 10.970, 72.625
Yxy	17.2813, 0.3523, 0.3579
Android (android.graphics.Color)	4286607714 (0xFF807162)
YUV	115.7750, -8.7631, 10.7213
Hunter-Lab	41.5708, 0.2979, 9.1403

# Details

The Hex color **807162** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **627180**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B5A595**, and **4E4134** is the 20% darker color. If you saturate the color by 10%, you get **806B55**, and if you desaturate by 10%, it is **80776F**.

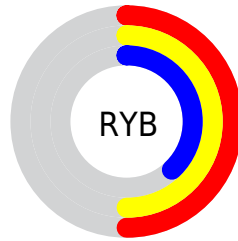
# Distribution



Red (50%)

Green (44%)

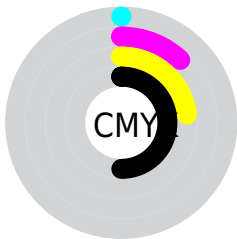
Blue (38%)



Red (50%)

Yellow (50%)

Blue (38%)

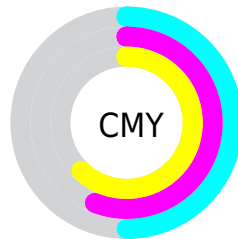


Cyan (0%)

Magenta (12%)

Yellow (23%)

Black (50%)



Cyan (50%)

Magenta (56%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 807162 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 807162 by changing the saturation by 10% instead.



807162

807162

FFFFFF

67594A

B5A595

4E4134

D1C0AF

372B1E

EDDCCB

221706

FFF8E7

000000

807162

807162

806B55

80776F

806448

807E7C

805E3C

808488

 80572F

 808B95

 805122

 8091A2

 804B15

 8097AF

 804408

 809EBC

 804000

 80A4C8

 80ABD5

# Harmonies

## Analogous

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



866E67



807162



777461

# Triad

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



807162



5C7977



7A7081

# Complementary

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



807162



627180

# 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.



6E7385



807162



5C7880

# Square

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



807162



62786E



637685



836E79

# Rectangle

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



807162



707664



637685



767183



# Sweetspot

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



807162



A6A09A



806271



54514D



D4D4D4



545454



# Same Dimension

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



807162



A68F77



808062



403D39



804000



000000



# Inverse Universe

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



627180



778FA6



626280



393D40



004080

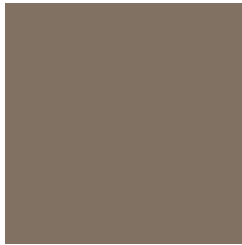


000000



# Previews

## White Background



This preview shows how the Hex color 807162 looks on a white background.

## Color Contrast Check

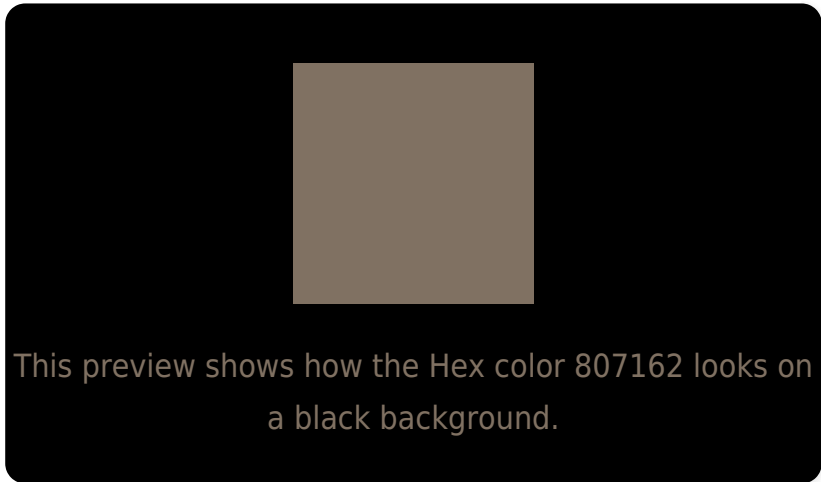
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

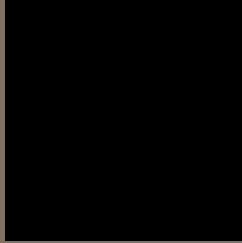
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 807162 Background



This preview shows how black text looks on a background with the Hex color 807162.



This preview shows how white text looks on a background with the Hex color 807162.

# 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**  
807162

**Protanopia**  
797363

**Deuteranopia**  
856F62



**Tritanopia**  
836E77

# Trichromacy



**Original Color**  
807162

**Protanomaly**  
7C7263

**Deuteranomaly**  
837062

**Tritanomaly**  
826F6F

# Monochromacy



**Original Color**  
807162

**Achromatopsia**  
747474

**Achromatomaly**  
78736D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 807162 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 #807162 looks like.

```
.text, #text, p{  
    color:#807162  
}
```

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 #807162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807162
}
```

## Border

The CSS property to change the border of an element to Hex 807162 is called "border". The border property can be set on classes, ids or directly on the HTML element.

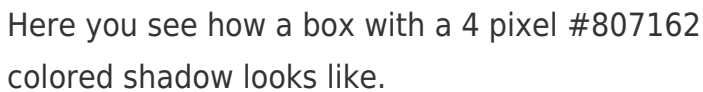
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#807162 }
```

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

```
.border{ border-color:#807162 }
```

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



Here you see how a box with a 4 pixel #807162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807162; -webkit-box-shadow:4px 4px  
4px 4px #807162; box-shadow:4px 4px 4px  
4px #807162 }
```

# Background

The CSS property to change the background color of an element to Hex 807162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807162 }
```

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

```
.background{ background-color:#807162 }
```

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