

# Converting Colors

Hex(807050)

Have a look what the booklet for  
Hex(807050) contains.

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**Color**

**Hex(807050)**

# Conversions

## Conversions Part 1

Format	Color
Hex	807050
RGB	128, 112, 80
RGB Percent	50%, 44%, 31%
CMY	0.4980, 0.5608, 0.6863
CMYK	0.00, 0.12, 0.38, 0.50
HSL	40°, 23%, 41%
HSV	40°, 38%, 50%
XYZ	16.1442, 16.7567, 9.9729
YIQ	113.1360, 19.8080, -6.5600

# Conversions

## Conversions Part 2

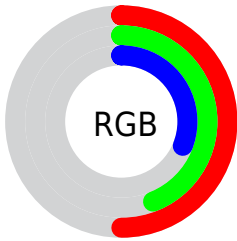
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 128, 80
Decimal	8417360
CIELab	47.95, 1.25, 20.11
CIELCh	48, 20.147, 86.446
Yxy	16.7567, 0.3766, 0.3908
Android (android.graphics.Color)	4286607440 (0xFF807050)
YUV	113.1360, -16.3360, 13.0357
Hunter-Lab	40.9350, -1.2381, 14.2098

# Details

The Hex color **807050** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **506080**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B6A482**, and **4E4023** is the 20% darker color. If you saturate the color by 10%, you get **806C43**, and if you desaturate by 10%, it is **80745D**.

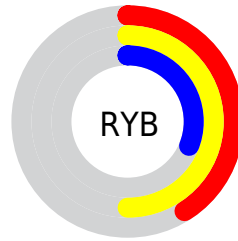
# Distribution



Red (50%)

Green (44%)

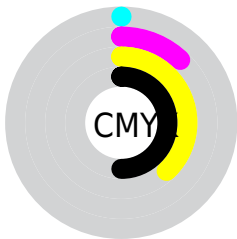
Blue (31%)



Red (41%)

Yellow (50%)

Blue (31%)

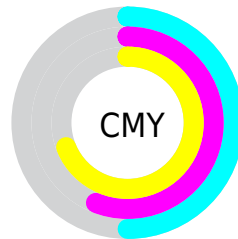


Cyan (0%)

Magenta (12%)

Yellow (38%)

Black (50%)



Cyan (50%)

Magenta (56%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 807050 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 807050 by changing the saturation by 10% instead.



 807050

 807050

FFFFFF

 665839

 B6A482

 4E4023

 D2BF9C

 362B0E

 EEDAB7

 201600

 FFF7D2

 000000

 FFFFEE

 807050

 807050

 806C43

 80745D

 806736

 80796A

80632A

807D76

805F1D

808183

805B10

808590

805603

808A9D

805500

808EAA

8092B6

8096C3

# Harmonies

## Analogous

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



8D6A56



807050



6E7553

# Triad

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



807050



3E7B80



866985

# Complementary

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



807050



506080

# 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.



726E90



807050



45798E

# Square

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



807050



497B6F



5A7493



926674

# Rectangle

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



807050



61785A



5A7493



806A89



# Sweetspot

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



807050



A6A094



805060



545149



D4D4D4



545454



# Same Dimension

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



807050



A68D5B



788050



403E39



805500



000000



# Inverse Universe

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



506080



5B74A6



585080



393C40



002A80



000000



# Previews

## White Background



This preview shows how the Hex color 807050 looks on a white background.

## Color Contrast Check

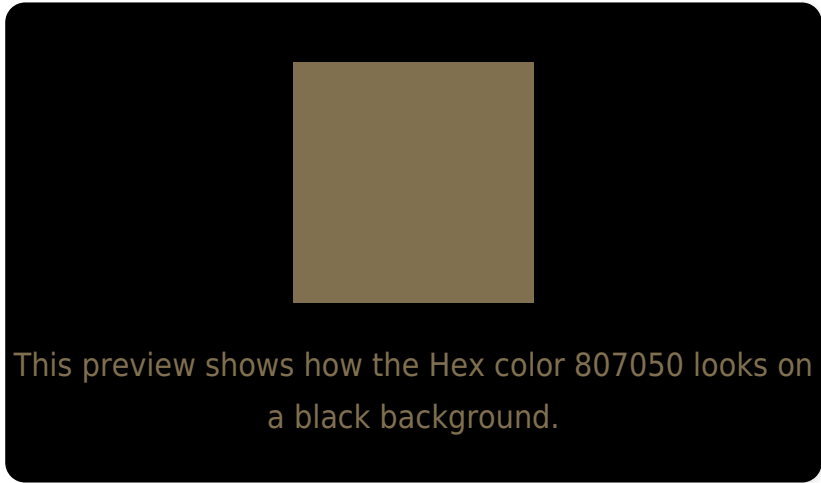
Large Text (above 18pt) WCAG AA ✓ Pass

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

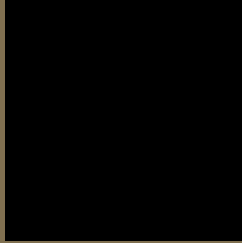
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 807050 Background



This preview shows how black text looks on a background with the Hex color 807050.



This preview shows how white text looks on a background with the Hex color 807050.

# 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**  
807050

**Protanopia**  
7B7251

**Deuteranopia**  
876D51



**Tritanopia**  
846B74

# Trichromacy



**Original Color**  
807050

**Protanomaly**  
7D7151

**Deuteranomaly**  
846E51

**Tritanomaly**  
836D67

# Monochromacy



**Original Color**  
807050

**Achromatopsia**  
717171

**Achromatomaly**  
767165

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 807050 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 #807050 looks like.

```
.text, #text, p{  
    color:#807050  
}
```

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 #807050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807050
}
```

## Border

The CSS property to change the border of an element to Hex 807050 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
#807050 }
```

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

```
.border{ border-color:#807050 }
```

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

Here you see how a box with a 4 pixel #807050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807050; -webkit-box-shadow:4px 4px  
4px 4px #807050; box-shadow:4px 4px 4px  
4px #807050 }
```

# Background

The CSS property to change the background color of an element to Hex 807050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807050 }
```

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

```
.background{ background-color:#807050 }
```

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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