

Converting Colors

Hex(807031)

Have a look what the booklet for
Hex(807031) contains.

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Color

Hex(807031)

Conversions

Conversions Part 1

Format	Color
Hex	807031
RGB	128, 112, 49
RGB Percent	50%, 44%, 19%
CMY	0.4980, 0.5608, 0.8078
CMYK	0.00, 0.12, 0.62, 0.50
HSL	48°, 45%, 35%
HSV	48°, 62%, 50%
XYZ	15.2506, 16.3993, 5.2673
YIQ	109.6020, 29.7590, -16.2010

Conversions

Conversions Part 2

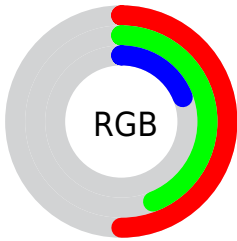
Format	Color
R_{YB}	69, 128, 49
Decimal	8417329
CIE _{Lab}	47.49, -1.98, 36.60
CIE _{LCh}	47, 36.652, 93.102
Yxy	16.3993, 0.4131, 0.4442
Android (android.graphics.Color)	4286607409 (0xFF807031)
YUV	109.6020, -29.8768, 16.1350
Hunter-Lab	40.4960, -3.6457, 20.6354

Details

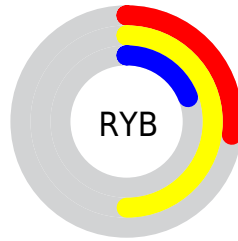
The Hex color **807031** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **314180**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B7A362**, and **4C4100** is the 20% darker color. If you saturate the color by 10%, you get **806D24**, and if you desaturate by 10%, it is **80733E**.

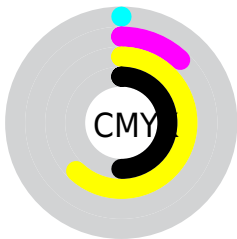
Distribution



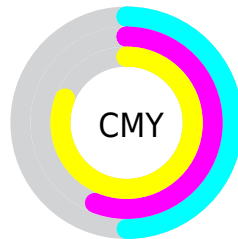
- Red (50%)
- Green (44%)
- Blue (19%)



- Red (27%)
- Yellow (50%)
- Blue (19%)



- Cyan (0%)
- Magenta (12%)
- Yellow (62%)
- Black (50%)



- Cyan (50%)
- Magenta (56%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 807031 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 807031 by changing the saturation by 10% instead.

 807031

 807031

FFFFFF

 665819

 B7A362

 4C4100

 D3BF7B

 342B00

 F0DA95

 1B1700

 FFF7B1

 000000

 FFFFCC

 FFFFEE9

 807031

 807031

 806D24

 80733E

■ 806B17

■ 80754B

■ 80680B

■ 807857

■ 806600

■ 807A64

■ 807D71

■ 80807E

■ 80828B

■ 808597

■ 8087A4

Harmonies

Analogous

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



99653A



807031



60793B

Triad

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



807031



008091



995C8D

Complementary

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



807031



314180

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.



7767A4



807031



007BA7

Square

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



807031



008073



4173AE



AA576F

Rectangle

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



807031



467D4A



4173AE



905F96

Sweetspot

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



807031



A69F86



803142



545041



D4D4D4



545454

Same Dimension

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



807031



A68D2B



6A8031



403E39



806600



000000

Inverse Universe

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



314180



2B44A6



473180



393B40



001A80



000000

Previews

White Background



This preview shows how the Hex color 807031 looks on a white background.

Color Contrast Check

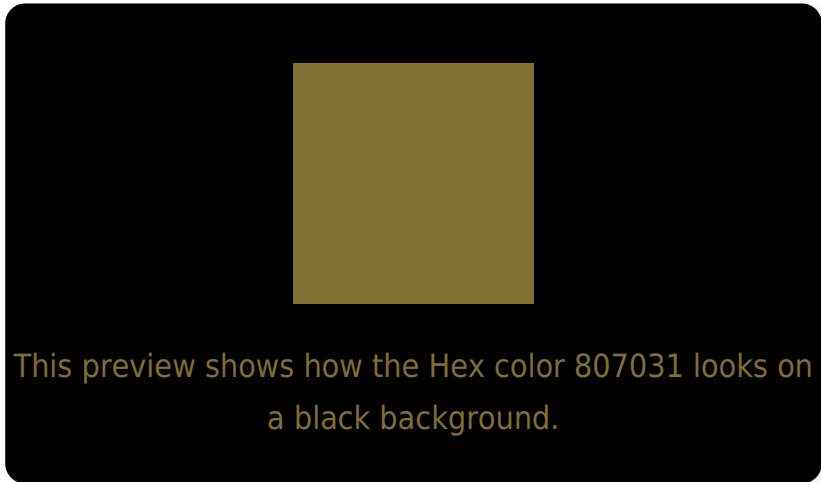
Large Text (above 18pt) WCAG AA ✓ Pass

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 807031 Background



This preview shows how black text looks on a background with the Hex color 807031.



This preview shows how white text looks on a background with the Hex color 807031.

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
807031

Protanopia
7D7131

Deuteranopia
8C6B32



Tritanopia
866971

Trichromacy



Original Color
807031

Protanomaly
7E7131

Deuteranomaly
886D32

Tritanomaly
846C5A

Monochromacy



Original Color
807031

Achromatopsia
6E6E6E

Achromatomaly
756F58

CSS Examples

Text

The CSS property to change the color of the text to Hex 807031 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 #807031 looks like.

```
.text, #text, p{  
    color:#807031  
}
```

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 #807031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807031
}
```

Border

The CSS property to change the border of an element to Hex 807031 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
#807031 }
```

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

```
.border{ border-color:#807031 }
```

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

Here you see how a box with a 4 pixel #807031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807031; -webkit-box-shadow:4px 4px  
4px 4px #807031; box-shadow:4px 4px 4px  
4px #807031 }
```

Background

The CSS property to change the background color of an element to Hex 807031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807031 }
```

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

```
.background{ background-color:#807031 }
```

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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