

Converting Colors

Hex(804233)

Have a look what the booklet for
Hex(804233) contains.

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Color

Hex(804233)

Conversions

Conversions Part 1

Format	Color
Hex	804233
RGB	128, 66, 51
RGB Percent	50%, 26%, 20%
CMY	0.4980, 0.7412, 0.8000
CMYK	0.00, 0.48, 0.60, 0.50
HSL	12°, 43%, 35%
HSV	12°, 60%, 50%
XYZ	11.4478, 8.7246, 4.2126
YIQ	82.8280, 41.7670, 8.4790

Conversions

Conversions Part 2

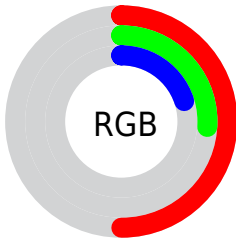
Format	Color
R _Y B	128, 70, 51
Decimal	8405555
CIE Lab	35.45, 25.16, 21.06
CIE LCh	35, 32.814, 39.928
Yxy	8.7246, 0.4695, 0.3578
Android (android.graphics.Color)	4286595635 (0xFF804233)
YUV	82.8280, -15.6912, 39.6158
Hunter-Lab	29.5375, 17.4906, 12.2203

Details

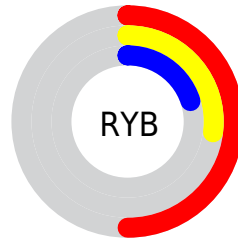
The Hex color **804233** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **337180**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **B87362**, and **4B1406** is the 20% darker color. If you saturate the color by 10%, you get **803826**, and if you desaturate by 10%, it is **804C40**.

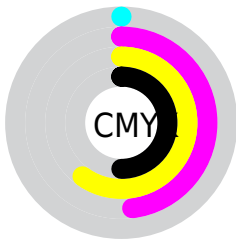
Distribution



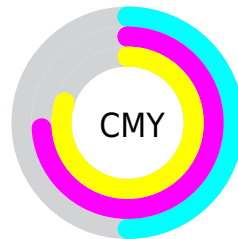
- Red (50%)
- Green (26%)
- Blue (20%)



- Red (50%)
- Yellow (27%)
- Blue (20%)



- Cyan (0%)
- Magenta (48%)
- Yellow (60%)
- Black (50%)



- Cyan (50%)
- Magenta (74%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 804233 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 804233 by changing the saturation by 10% instead.

 804233

 804233

FFFFFF

 652B1E

 B87362

 4B1406

 D58D7B

 310000

 F2A894

 0E0000

 FFC3AF

 000000

 FFDFCB

 FFFCE7

 804233

 804233

 803826

 804C40

■ 802D19

■ 80574D

■ 80230D

■ 806159

■ 801900

■ 806B66

■ 807673

■ 808080

■ 808A8D

■ 809499

■ 809FA6

Harmonies

Analogous

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



843D4C



804233



714C21

Triad

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



804233



125F40



355387

Complementary

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



804233



337180

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.



005B84



804233



00615C

Square

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



804233



3E5B29



005F74



61497C

Rectangle

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



804233



62521C



005F74



1E5688

Sweetspot

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



804233



A68E88



803372



544542



D4D4D4



545454

Same Dimension

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



804233



A6462E



806833



403B39



801900



000000

Inverse Universe

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



337180



2E8FA6



334B80



393F40



006780



000000

Previews

White Background



This preview shows how the Hex color 804233 looks on a white background.

Color Contrast Check

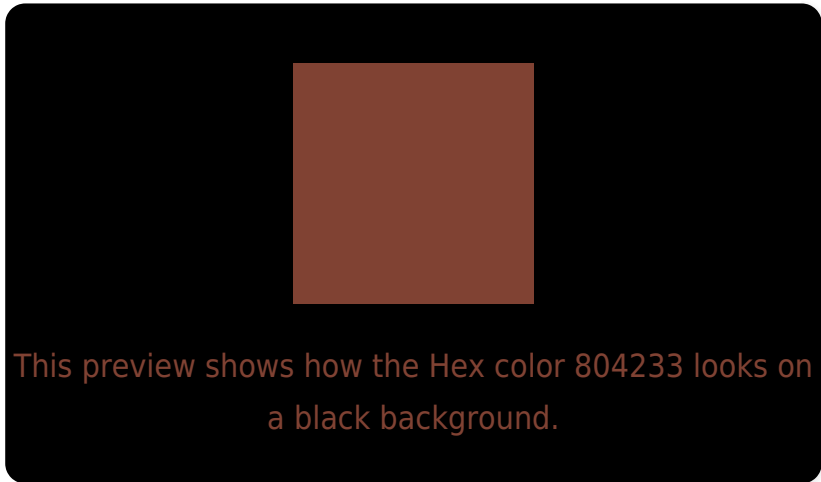
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 804233 Background



This preview shows how black text looks on a background with the Hex color 804233.



This preview shows how white text looks on a background with the Hex color 804233.

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
804233

Protanopia
5B543A

Deuteranopia
665030



Tritanopia
814044

Trichromacy



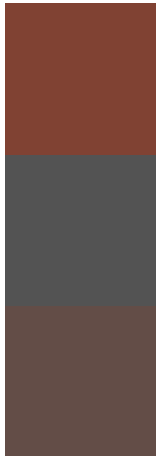
Original Color
804233

Protanomaly
684D37

Deuteranomaly
6F4B31

Tritanomaly
81413E

Monochromacy



Original Color
804233

Achromatopsia
535353

Achromatomaly
634D47

CSS Examples

Text

The CSS property to change the color of the text to Hex 804233 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 #804233 looks like.

```
.text, #text, p{  
    color:#804233  
}
```

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 #804233 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804233
}
```

Border

The CSS property to change the border of an element to Hex 804233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

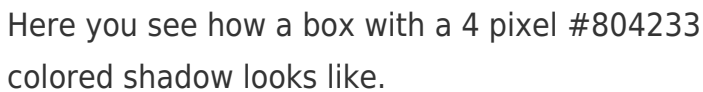
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804233 }
```

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

```
.border{ border-color:#804233 }
```

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



Here you see how a box with a 4 pixel #804233 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804233; -webkit-box-shadow:4px 4px  
4px 4px #804233; box-shadow:4px 4px 4px  
4px #804233 }
```

Background

The CSS property to change the background color of an element to Hex 804233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804233 }
```

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

```
.background{ background-color:#804233 }
```

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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