

# Converting Colors

Hex(804245)

Have a look what the booklet for  
Hex(804245) contains.

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**Color**

**Hex(804245)**

# Conversions

## Conversions Part 1

Format	Color
Hex	804245
RGB	128, 66, 69
RGB Percent	50%, 26%, 27%
CMY	0.4980, 0.7412, 0.7294
CMYK	0.00, 0.48, 0.46, 0.50
HSL	357°, 32%, 38%
HSV	357°, 48%, 50%
XYZ	11.9245, 8.9153, 6.7226
YIQ	84.8800, 35.9890, 14.0770

# Conversions

## Conversions Part 2

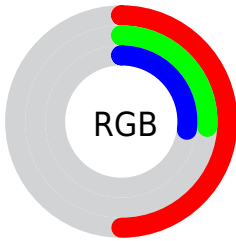
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 66, 69
Decimal	8405573
CIE Lab	35.82, 26.94, 10.30
CIE LCh	36, 28.842, 20.920
Yxy	8.9153, 0.4326, 0.3235
Android (android.graphics.Color)	4286595653 (0xFF804245)
YUV	84.8800, -7.8288, 37.8162
Hunter-Lab	29.8585, 19.0346, 7.5520

# Details

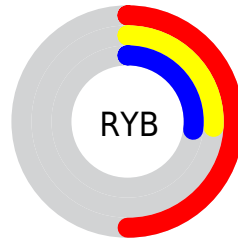
The Hex color **804245** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **42807D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B77375**, and **4B131A** is the 20% darker color. If you saturate the color by 10%, you get **803539**, and if you desaturate by 10%, it is **804F51**.

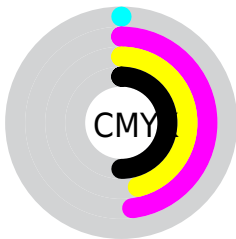
# Distribution



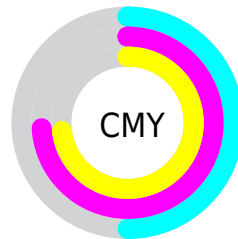
- Red (50%)
- Green (26%)
- Blue (27%)



- Red (50%)
- Yellow (26%)
- Blue (27%)



- Cyan (0%)
- Magenta (48%)
- Yellow (46%)
- Black (50%)



- Cyan (50%)
- Magenta (74%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 804245 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 804245 by changing the saturation by 10% instead.



 804245

 804245

FFFFFF

 652B2F

 B77375

 4B131A

 D48D8F

 340000

 F1A8A9

 140000

 FFC4C4

 000000

 FFE0E0

 FFFDFD

 804245

 804245

 803539

 804F51

80282D

805C5D

801C20

80686A

800F14

807576

800208

808282

800006

808F8E

809C9A

80A8A6

80B5B3

# Harmonies

## Analogous

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



7C425C



804245



794831

# Triad

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



804245



375D36



1A5982

# Complementary

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



804245



42807D

# 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.



005E78



804245



0D604C

# Square

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



804245



525828



006064



4B517F

# Rectangle

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



804245



6F4E28



006064



005B7F



# Sweetspot

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



804245



A68D8E



7D4280



544546



D4D4D4



545454



# Same Dimension

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



804245



A6464A



805E42



40393A



800006



000000



# Inverse Universe

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



804245



A6464A



426480



40393A



800006

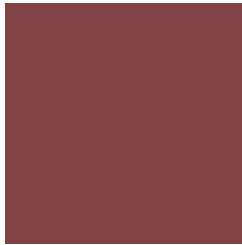


000000



# Previews

## White Background



This preview shows how the Hex color 804245 looks on a white background.

## Color Contrast Check

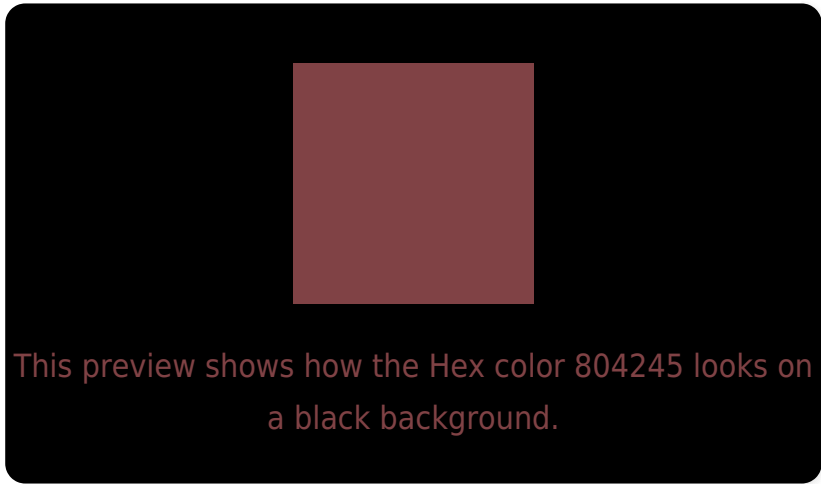
Large Text (above 18pt) WCAG AA ✓ Pass

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

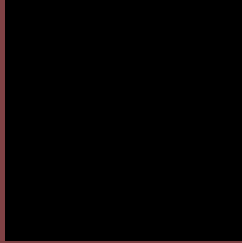
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 804245 Background



This preview shows how black text looks on a background with the Hex color 804245.



This preview shows how white text looks on a background with the Hex color 804245.

# 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**  
804245

**Protanopia**  
58554E

**Deuteranopia**  
635142



**Tritanopia**  
804246

# Trichromacy



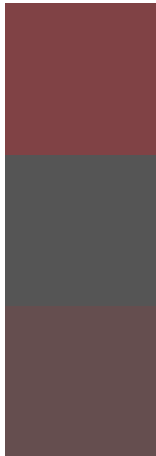
**Original Color**  
804245

**Protanomaly**  
674E4B

**Deuteranomaly**  
6E4C43

**Tritanomaly**  
804246

# Monochromacy



**Original Color**  
804245

**Achromatopsia**  
555555

**Achromatomaly**  
654E4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 804245 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 #804245 looks like.

```
.text, #text, p{  
  color:#804245  
}
```

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 #804245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804245
}
```

## Border

The CSS property to change the border of an element to Hex 804245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

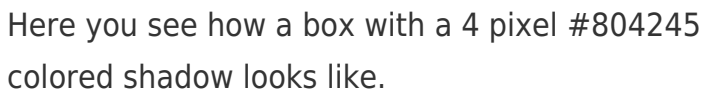
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804245 }
```

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

```
.border{ border-color:#804245 }
```

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



Here you see how a box with a 4 pixel #804245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804245; -webkit-box-shadow:4px 4px  
4px 4px #804245; box-shadow:4px 4px 4px  
4px #804245 }
```

# Background

The CSS property to change the background color of an element to Hex 804245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804245 }
```

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

```
.background{ background-color:#804245 }
```

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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