

# Converting Colors

Hex(805249)

Have a look what the booklet for  
Hex(805249) contains.

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**Color**

**Hex(805249)**

# Conversions

## Conversions Part 1

Format	Color
Hex	805249
RGB	128, 82, 73
RGB Percent	50%, 32%, 29%
CMY	0.4980, 0.6784, 0.7137
CMYK	0.00, 0.36, 0.43, 0.50
HSL	10°, 27%, 39%
HSV	10°, 43%, 50%
XYZ	13.1220, 11.1048, 7.7552
YIQ	94.7280, 30.3050, 6.9530

# Conversions

## Conversions Part 2

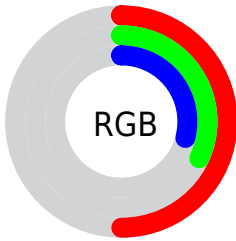
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 84, 73
Decimal	8409673
CIE Lab	39.76, 18.09, 13.23
CIE LCh	40, 22.410, 36.177
Yxy	11.1048, 0.4103, 0.3472
Android (android.graphics.Color)	4286599753 (0xFF805249)
YUV	94.7280, -10.7119, 29.1795
Hunter-Lab	33.3239, 11.9713, 9.5287

# Details

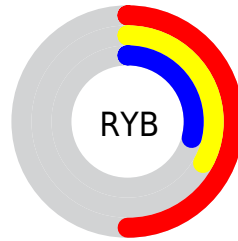
The Hex color **805249** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **497780**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **B6847A**, and **4C241D** is the 20% darker color. If you saturate the color by 10%, you get **80473C**, and if you desaturate by 10%, it is **805D56**.

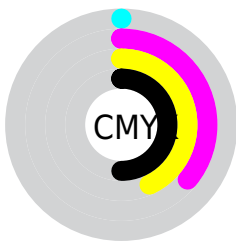
# Distribution



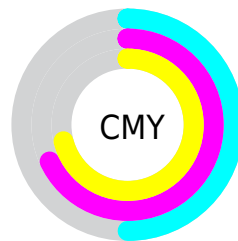
- Red (50%)
- Green (32%)
- Blue (29%)



- Red (50%)
- Yellow (33%)
- Blue (29%)



- Cyan (0%)
- Magenta (36%)
- Yellow (43%)
- Black (50%)



- Cyan (50%)
- Magenta (68%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 805249 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 805249 by changing the saturation by 10% instead.



 805249

 805249

FFFFFF

 663B32

 B6847A

 4C241D

 D39E93

 340F04

 F0B9AE

 1F0001

 FFD5C9

 000000

 FFF1E5

 805249

 805249

 80473C

 805D56

 803D2F

 806763

■ 803223

■ 80726F

■ 802716

■ 807D7C

■ 801C09

■ 808889

■ 801500

■ 809296

■ 809DA3

■ 80A8AF

■ 80B2BC

# Harmonies

## Analogous

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



81505B



805249



76583D

# Triad

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



805249



3D664E



4A5E82

# Complementary

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



805249



497780

# 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.



2D647F



805249



266861

# Square

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



805249



536340



1B6773



65587B

# Rectangle

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



805249



6C5C39



1B6773



416082



# Sweetspot

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



805249



A69490



804978



544947



D4D4D4



545454



# Same Dimension

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



805249



A65E50



806D49



403A39



801500



000000



# Inverse Universe

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



497780



5098A6



495C80



393F40



006B80



000000



# Previews

## White Background



This preview shows how the Hex color 805249 looks on a white background.

## Color Contrast Check

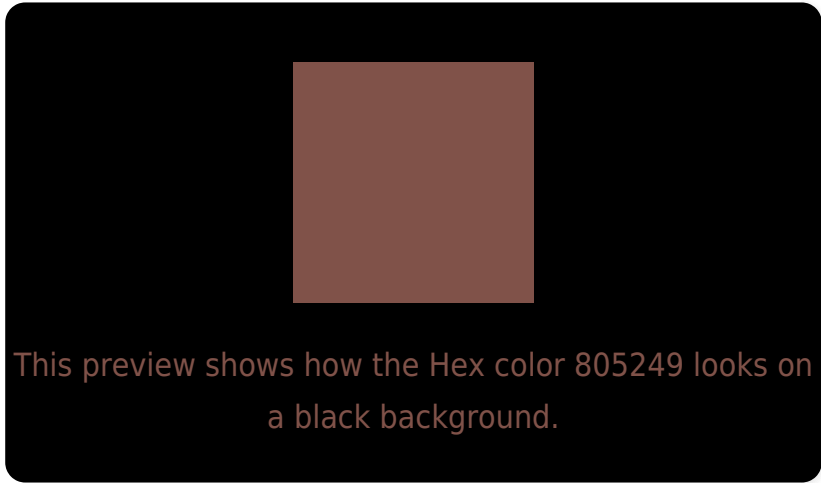
Large Text (above 18pt) WCAG AA ✓ Pass

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 805249 Background



This preview shows how black text looks on a background with the Hex color 805249.



This preview shows how white text looks on a background with the Hex color 805249.

# 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**  
805249

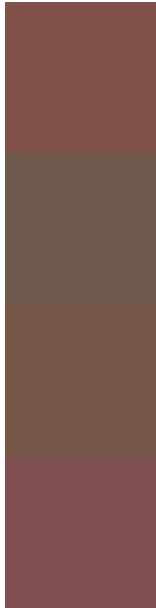
**Protanopia**  
635E4F

**Deuteranopia**  
6F5A47



**Tritanopia**  
815056

# Trichromacy



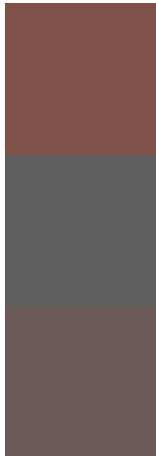
**Original Color**  
805249

**Protanomaly**  
6E5A4D

**Deuteranomaly**  
755748

**Tritanomaly**  
815151

# Monochromacy



**Original Color**  
805249

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
6B5A57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 805249 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 #805249 looks like.

```
.text, #text, p{  
    color:#805249  
}
```

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 #805249 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #805249
}
```

## Border

The CSS property to change the border of an element to Hex 805249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

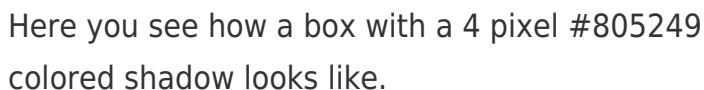
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#805249 }
```

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

```
.border{ border-color:#805249 }
```

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



Here you see how a box with a 4 pixel #805249 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #805249; -webkit-box-shadow:4px 4px  
4px 4px #805249; box-shadow:4px 4px 4px  
4px #805249 }
```

# Background

The CSS property to change the background color of an element to Hex 805249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#805249 }
```

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

```
.background{ background-color:#805249 }
```

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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