

# Converting Colors

Hex(805966)

Have a look what the booklet for  
Hex(805966) contains.

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# Color

**Hex(805966)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	805966
RGB	128, 89, 102
RGB Percent	50%, 35%, 40%
CMY	0.4980, 0.6510, 0.6000
CMYK	0.00, 0.30, 0.20, 0.50
HSL	340°, 18%, 43%
HSV	340°, 30%, 50%
XYZ	14.8727, 12.6933, 14.2365
YIQ	102.1430, 19.0710, 12.3110

# Conversions

## Conversions Part 2

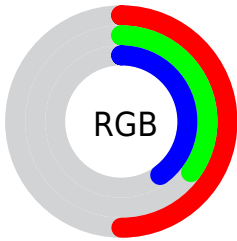
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 89, 102
Decimal	8411494
CIE <sub>Lab</sub>	42.30, 18.15, -1.00
CIE <sub>LCh</sub>	42, 18.181, 356.854
Yxy	12.6933, 0.3558, 0.3036
Android (android.graphics.Color)	4286601574 (0xFF805966)
YUV	102.1430, -0.0705, 22.6766
Hunter-Lab	35.6276, 12.1665, 1.2475

# Details

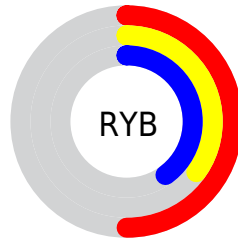
The Hex color **805966** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **598073**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B68B99**, and **4E2B37** is the 20% darker color. If you saturate the color by 10%, you get **804C5D**, and if you desaturate by 10%, it is **80666F**.

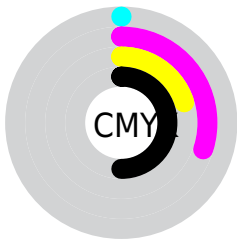
# Distribution



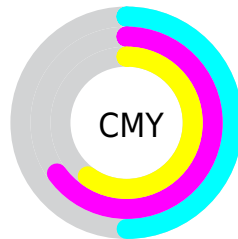
- Red (50%)
- Green (35%)
- Blue (40%)



- Red (50%)
- Yellow (35%)
- Blue (40%)



- Cyan (0%)
- Magenta (30%)
- Yellow (20%)
- Black (50%)



- Cyan (50%)
- Magenta (65%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 805966 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 805966 by changing the saturation by 10% instead.



 805966

 805966

FFFFFF

 66414E

 B68B99

 4E2B37

 D1A6B4

 361522

 EEC1CF

 23000C

 FFDDEB

 000000

 FFFAFF

 805966

 805966

 804C5D

 80666F

 803F55

 807377

 80334C

 807F80

 802644

 808C88

 80193B

 809991

 800C33

 80A699

 80002B

 80B3A2

 80BFAA

 80CCB3

# Harmonies

## Analogous

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



765C74



805966



825A57

# Triad

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



805966



606749



3D6A7C

# Complementary

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



805966



598073

# 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.



376C71



805966



4F6A53

# Square

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



805966



706246



3F6C62



4F6681

# Rectangle

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



805966



7F5C4F



3F6C62



396B79



# Sweetspot

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



805966



A6979C



735980



544B4E



D4D4D4



545454



# Same Dimension

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



805966



A6687D



806059



40393C



80002B



000000



# Inverse Universe

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



805966



A6687D



597980



40393C



80002B

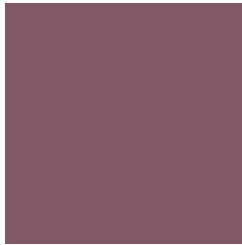


000000



# Previews

## White Background



This preview shows how the Hex color 805966 looks on a white background.

## Color Contrast Check

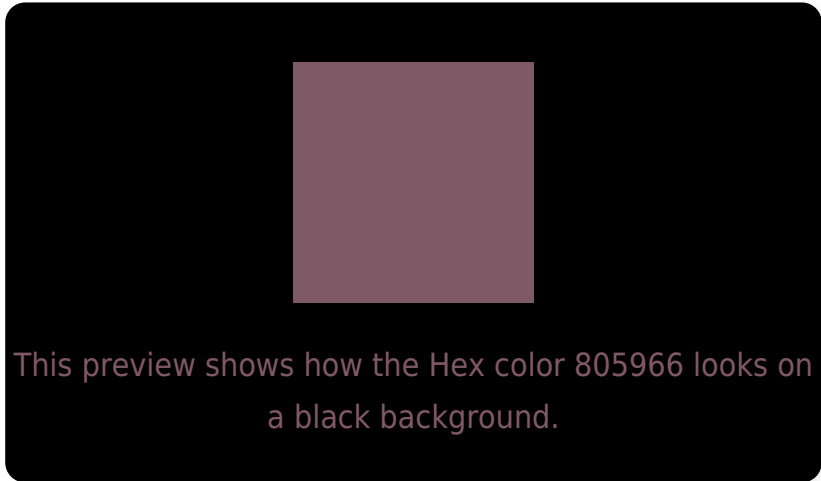
Large Text (above 18pt) WCAG AA ✓ Pass

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

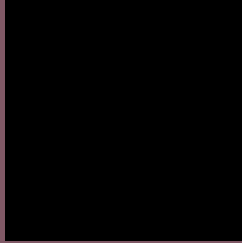
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 805966 Background



This preview shows how black text looks on a background with the Hex color 805966.



This preview shows how white text looks on a background with the Hex color 805966.

# 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**  
805966

**Protanopia**  
64636C

**Deuteranopia**  
6E6165



**Tritanopia**  
7F5A61

# Trichromacy



**Original Color**  
805966

**Protanomaly**  
6E5F6A

**Deuteranomaly**  
755E65

**Tritanomaly**  
7F5A63

# Monochromacy



**Original Color**  
805966

**Achromatopsia**  
666666

**Achromatomaly**  
6F6166

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 805966 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 #805966 looks like.

```
.text, #text, p{  
    color:#805966  
}
```

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 #805966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #805966  
}
```

## Border

The CSS property to change the border of an element to Hex 805966 is called "border". The border property can be set on classes, ids or directly on the HTML element.

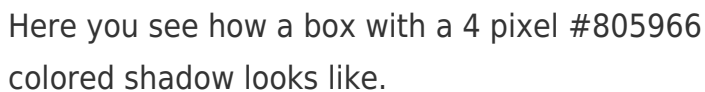
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#805966 }
```

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

```
.border{ border-color:#805966 }
```

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



Here you see how a box with a 4 pixel #805966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #805966; -webkit-box-shadow:4px 4px  
4px 4px #805966; box-shadow:4px 4px 4px  
4px #805966 }
```

# Background

The CSS property to change the background color of an element to Hex 805966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#805966 }
```

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

```
.background{ background-color:#805966 }
```

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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