

# Converting Colors

Hex(803958)

Have a look what the booklet for  
Hex(803958) contains.

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**Color**

**Hex(803958)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	803958
RGB	128, 57, 88
RGB Percent	50%, 22%, 35%
CMY	0.4980, 0.7765, 0.6549
CMYK	0.00, 0.55, 0.31, 0.50
HSL	334°, 38%, 36%
HSV	334°, 55%, 50%
XYZ	12.1267, 8.2200, 10.1800
YIQ	81.7630, 32.3650, 24.6930

# Conversions

## Conversions Part 2

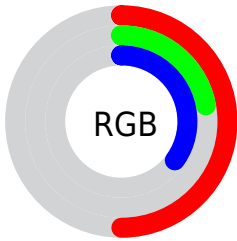
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 57, 88
Decimal	8403288
CIE <sub>Lab</sub>	34.44, 34.31, -3.81
CIE <sub>LCh</sub>	34, 34.523, 353.658
Yxy	8.2200, 0.3972, 0.2693
Android (android.graphics.Color)	4286593368 (0xFF803958)
YUV	81.7630, 3.0748, 40.5498
Hunter-Lab	28.6706, 25.3258, -0.9825

# Details

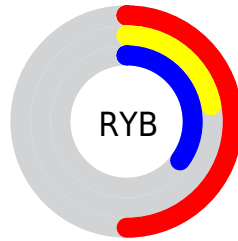
The Hex color **803958** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **398061**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B76B8A**, and **4C052B** is the 20% darker color. If you saturate the color by 10%, you get **802C51**, and if you desaturate by 10%, it is **80465F**.

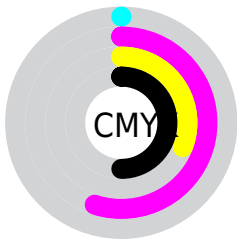
# Distribution



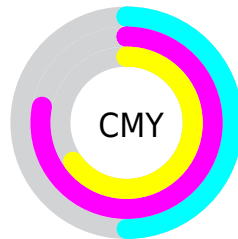
- Red (50%)
- Green (22%)
- Blue (35%)



- Red (50%)
- Yellow (22%)
- Blue (35%)



- Cyan (0%)
- Magenta (55%)
- Yellow (31%)
- Black (50%)



- Cyan (50%)
- Magenta (78%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 803958 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 803958 by changing the saturation by 10% instead.



 803958

 803958

FFFFFF

 662141

 B76B8A

 4C052B

 D385A4

 330016

 F0A0BF

 160000

 FFBBDB

 000000

 FFD7F7

 FFF4FF

 803958

 803958

 802C51

 80465F

 801F4A

 805366

 801342

 805F6E

 80063B

 806C75

 800038

 80797C

 808683

 80938A

 809F92

 80AC99

# Harmonies

## Analogous

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



6D4172



803958



833A3D

# Triad

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



803958



4B561B



005C7D

# Complementary

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



803958



398061

# 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.



005E66



803958



285B2F

# Square

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



803958



654E17



005E4A



005687

# Rectangle

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



803958



7E402C



005E4A



005D76



# Sweetspot

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



803958



A68A96



603980



54434B



D4D4D4



545454



# Same Dimension

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



803958



A63767



803D39



40393C



800038



000000



# Inverse Universe

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



803958



A63767



397C80



40393C



800038

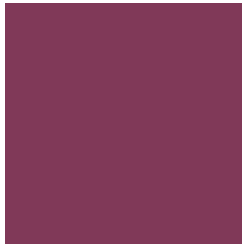


000000



# Previews

## White Background



This preview shows how the Hex color 803958 looks on a white background.

## Color Contrast Check

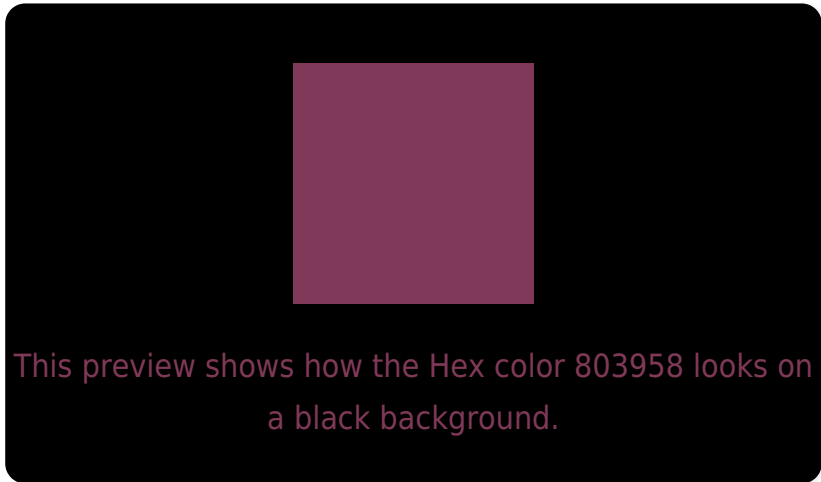
Large Text (above 18pt) WCAG AA ✓ Pass

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

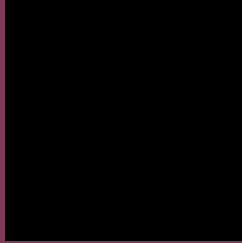
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 803958 Background



This preview shows how black text looks on a background with the Hex color 803958.

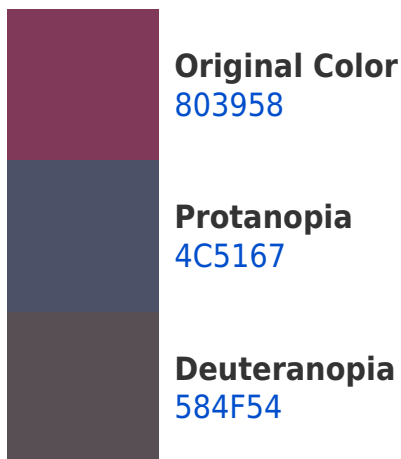



This preview shows how white text looks on a background with the Hex color 803958.

# 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





**Tritanopia**  
7E3E42

# Trichromacy



**Original Color**  
803958

**Protanomaly**  
5F4862

**Deuteranomaly**  
674755

**Tritanomaly**  
7F3C4A

# Monochromacy



**Original Color**  
803958

**Achromatopsia**  
525252

**Achromatomaly**  
634954

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 803958 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 #803958 looks like.

```
.text, #text, p{  
    color:#803958  
}
```

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 #803958 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803958
}
```

## Border

The CSS property to change the border of an element to Hex 803958 is called "border". The border property can be set on classes, ids or directly on the HTML element.

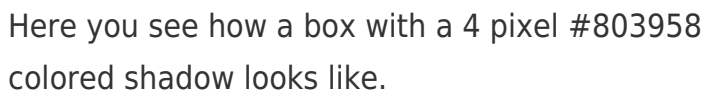
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803958 }
```

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

```
.border{ border-color:#803958 }
```

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



Here you see how a box with a 4 pixel #803958 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803958; -webkit-box-shadow:4px 4px  
4px 4px #803958; box-shadow:4px 4px 4px  
4px #803958 }
```

# Background

The CSS property to change the background color of an element to Hex 803958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803958 }
```

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

```
.background{ background-color:#803958 }
```

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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