

# Converting Colors

Hex(803D84)

Have a look what the booklet for  
Hex(803D84) contains.

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# Color

**Hex(803D84)**

# Conversions

## Conversions Part 1

Format	Color
Hex	803D84
RGB	128, 61, 132
RGB Percent	50%, 24%, 52%
CMY	0.4980, 0.7608, 0.4824
CMYK	0.03, 0.54, 0.00, 0.48
HSL	297°, 37%, 38%
HSV	297°, 54%, 52%
XYZ	14.7357, 9.5926, 22.9047
YIQ	89.1270, 17.1410, 36.2850

# Conversions

## Conversions Part 2

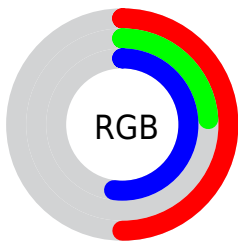
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 61, 132
Decimal	8404356
CIE <sub>Lab</sub>	37.10, 39.72, -27.39
CIE <sub>LCh</sub>	37, 48.250, 325.409
Yxy	9.5926, 0.3120, 0.2031
Android (android.graphics.Color)	4286594436 (0xFF803D84)
YUV	89.1270, 21.1364, 34.0916
Hunter-Lab	30.9720, 30.7249, -22.1664

# Details

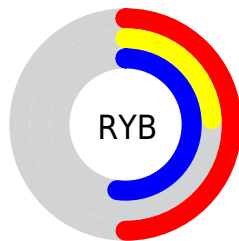
The Hex color **803D84** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **41843D**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **B770B9**, and **4C0852** is the 20% darker color. If you saturate the color by 10%, you get **7F3084**, and if you desaturate by 10%, it is **814A84**.

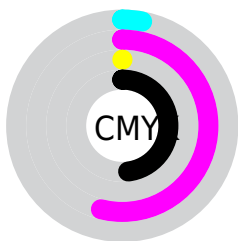
# Distribution



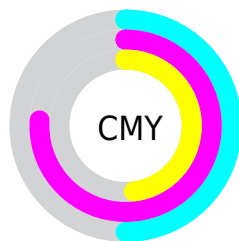
- Red (50%)
- Green (24%)
- Blue (52%)



- Red (50%)
- Yellow (24%)
- Blue (52%)



- Cyan (3%)
- Magenta (54%)
- Yellow (0%)
- Black (48%)



- Cyan (50%)
- Magenta (76%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 803D84 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 803D84 by changing the saturation by 10% instead.



 803D84

 803D84

FFFFFF

 66246B

 B770B9

 4C0852

 D38AD5

 34003B

 F0A5F2

 1E0025

 FFC0FF

 00000C

 FFDDFF

 000000

 FFFAFF

 803D84

 803D84

 7F3084

 814A84

■ 7F2384

■ 815784

■ 7E1584

■ 826584

■ 7D0884

■ 837284

■ 7D0084

■ 847F84

■ 848C84

■ 859984

■ 86A784

■ 87B484

# Harmonies

## Analogous

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



4A509E



803D84



992F5F

# Triad

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



803D84



6F5300



006978

# Complementary

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



803D84



41843D

# 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.



006950



803D84



495F00

# Square

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



803D84



8B4315



056628



006697

# Rectangle

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



803D84



9C2F45



056628



00696B



# Sweetspot

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



803D84



A990AB



3D4284



564657



D6D6D6



575757



# Same Dimension

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



803D84



A53CAB



843D65



423C42



7B0082



020003



# Inverse Universe

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



843D41



AB3C42



3D845C



423C3C



820007

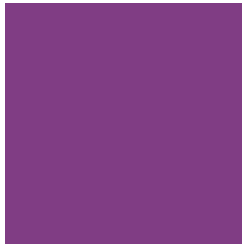


030000



# Previews

## White Background



This preview shows how the Hex color 803D84 looks on a white background.

## Color Contrast Check

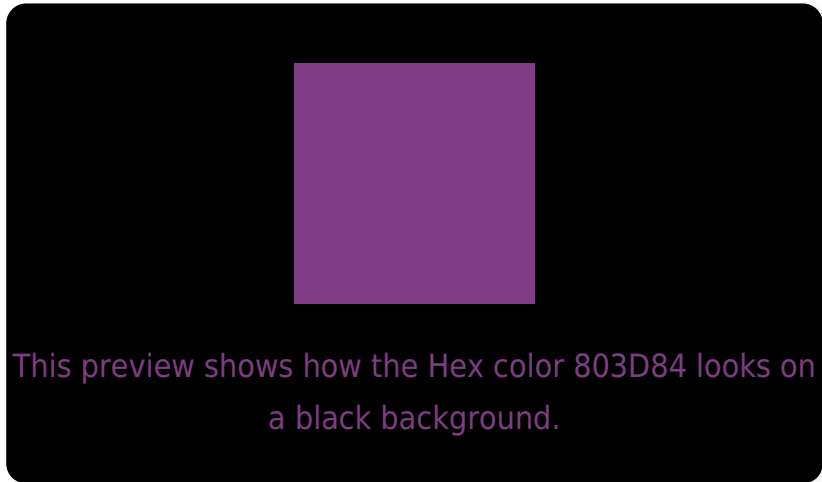
Large Text (above 18pt) WCAG AA ✓ Pass

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

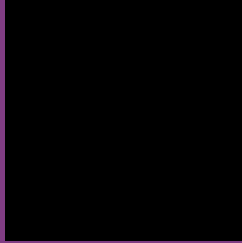
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 803D84 Background



This preview shows how black text looks on a background with the Hex color 803D84.




This preview shows how white text looks on a background with the Hex color 803D84.

# 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**  
794A50

# Trichromacy



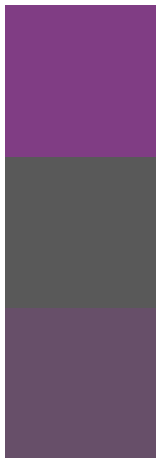
**Original Color**  
803D84

**Protanomaly**  
534D92

**Deuteranomaly**  
5C4E81

**Tritanomaly**  
7C4563

# Monochromacy



**Original Color**  
803D84

**Achromatopsia**  
595959

**Achromatomaly**  
674F69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 803D84 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 #803D84 looks like.

```
.text, #text, p{  
    color:#803D84  
}
```

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 #803D84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803D84
}
```

## Border

The CSS property to change the border of an element to Hex 803D84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

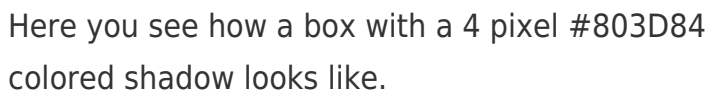
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803D84 }
```

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

```
.border{ border-color:#803D84 }
```

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



Here you see how a box with a 4 pixel #803D84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803D84; -webkit-box-shadow:4px 4px  
4px 4px #803D84; box-shadow:4px 4px 4px  
4px #803D84 }
```

# Background

The CSS property to change the background color of an element to Hex 803D84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803D84 }
```

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

```
.background{ background-color:#803D84 }
```

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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