

Converting Colors

Hex(803784)

Have a look what the booklet for
Hex(803784) contains.

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Color

Hex(803784)

Conversions

Conversions Part 1

Format	Color
Hex	803784
RGB	128, 55, 132
RGB Percent	50%, 22%, 52%
CMY	0.4980, 0.7843, 0.4824
CMYK	0.03, 0.58, 0.00, 0.48
HSL	297°, 41%, 37%
HSV	297°, 58%, 52%
XYZ	14.4331, 8.9875, 22.8038
YIQ	85.6050, 18.7910, 39.4230

Conversions

Conversions Part 2

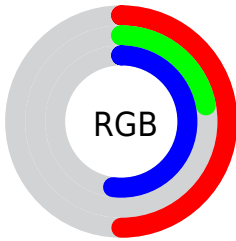
Format	Color
R_{YB}	128, 55, 132
Decimal	8402820
CIE _{Lab}	35.96, 42.79, -29.18
CIE _{LCh}	36, 51.793, 325.702
Yxy	8.9875, 0.3122, 0.1944
Android (android.graphics.Color)	4286592900 (0xFF803784)
YUV	85.6050, 22.8727, 37.1804
Hunter-Lab	29.9792, 33.4732, -24.1139

Details

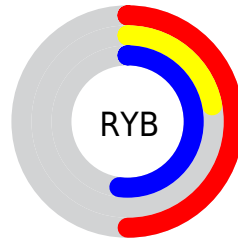
The Hex color **803784** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3B8437**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **B76AB9**, and **4C0052** is the 20% darker color. If you saturate the color by 10%, you get **7F2A84**, and if you desaturate by 10%, it is **814484**.

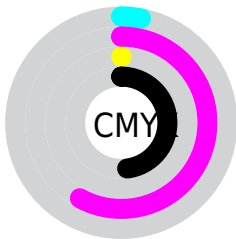
Distribution



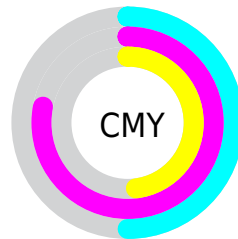
- Red (50%)
- Green (22%)
- Blue (52%)



- Red (50%)
- Yellow (22%)
- Blue (52%)



- Cyan (3%)
- Magenta (58%)
- Yellow (0%)
- Black (48%)



- Cyan (50%)
- Magenta (78%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 803784 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 803784 by changing the saturation by 10% instead.

803784

803784

FFFFFF

661D6B

B76AB9

4C0052

D384D5

33003B

F09FF2

1C0025

FFBBFF

00000C

FFD7FF

000000

FFF4FF

803784

803784

7F2A84

814484

7F1D84

815184

7E0F84

825F84

7D0284

836C84

7D0084

837984

848684

859384

85A184

86AE84

Harmonies

Analogous

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



454CA0



803784



9A265C

Triad

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



803784



6C5100



006778

Complementary

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



803784



3B8437

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.



00674D



803784



445D00

Square

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



803784



8A3F0B



006322



006499

Rectangle

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



803784



9D2641



006322



00676A

Sweetspot

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



803784



A98CAB



373C84



564457



D6D6D6



575757

Same Dimension

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



803784



A533AB



843763



423C42



7B0082



020003

Inverse Universe

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



84373B



AB3339



378458



423C3C



820007



030000

Previews

White Background



This preview shows how the Hex color 803784 looks on a white background.

Color Contrast Check

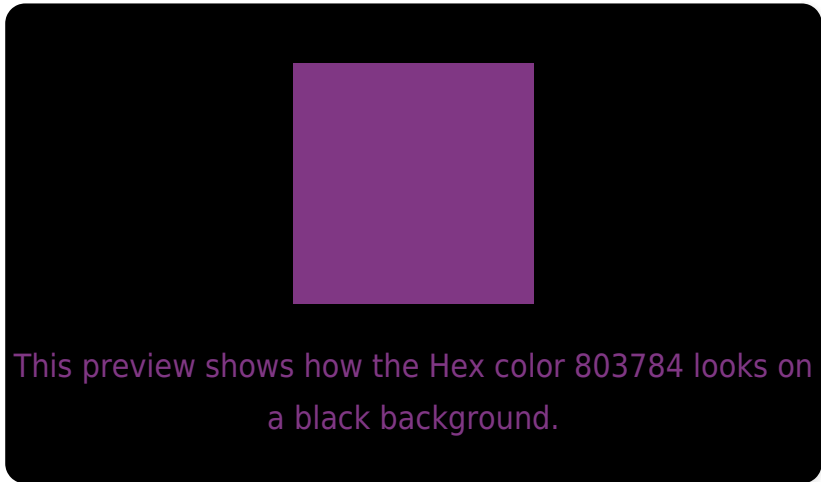
Large Text (above 18pt) WCAG AA ✓ Pass

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

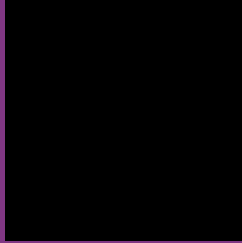
Any Text WCAG AA × Fail

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 803784 Background



This preview shows how black text looks on a background with the Hex color 803784.

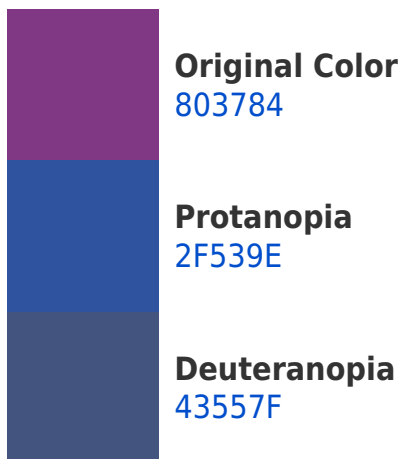



This preview shows how white text looks on a background with the Hex color 803784.

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
79464C

Trichromacy



Original Color
803784



Protanomaly
4C4995



Deuteranomaly
594A81



Tritanomaly
7C4160

Monochromacy



Original Color
803784



Achromatopsia
565656



Achromatomaly
654B67

CSS Examples

Text

The CSS property to change the color of the text to Hex 803784 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 #803784 looks like.

```
.text, #text, p{  
    color:#803784  
}
```

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 #803784 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803784
}
```

Border

The CSS property to change the border of an element to Hex 803784 is called "border". The border property can be set on classes, ids or directly on the HTML element.

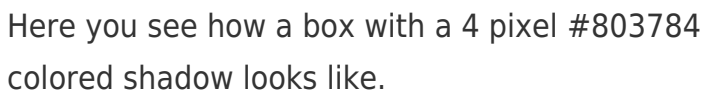
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803784 }
```

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

```
.border{ border-color:#803784 }
```

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



Here you see how a box with a 4 pixel #803784 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803784; -webkit-box-shadow:4px 4px  
4px 4px #803784; box-shadow:4px 4px 4px  
4px #803784 }
```

Background

The CSS property to change the background color of an element to Hex 803784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803784 }
```

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

```
.background{ background-color:#803784 }
```

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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