

Converting Colors

Hex(803094)

Have a look what the booklet for
Hex(803094) contains.

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Color

Hex(803094)

Conversions

Conversions Part 1

Format	Color
Hex	803094
RGB	128, 48, 148
RGB Percent	50%, 19%, 58%
CMY	0.4980, 0.8118, 0.4196
CMYK	0.14, 0.68, 0.00, 0.42
HSL	288°, 51%, 38%
HSV	288°, 68%, 58%
XYZ	15.3043, 8.8412, 28.9169
YIQ	83.3200, 15.5800, 48.0600

Conversions

Conversions Part 2

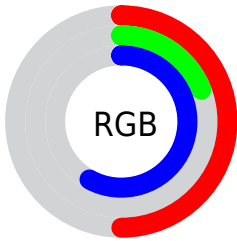
Format	Color
R _Y B	128, 48, 148
Decimal	8401044
CIE Lab	35.68, 49.27, -39.46
CIE LCh	36, 63.124, 321.311
Yxy	8.8412, 0.2884, 0.1666
Android (android.graphics.Color)	4286591124 (0xFF803094)
YUV	83.3200, 31.8872, 39.1844
Hunter-Lab	29.7342, 39.8400, -36.8463

Details

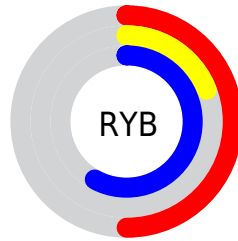
The Hex color **803094** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **449430**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **B764CB**, and **4B0061** is the 20% darker color. If you saturate the color by 10%, you get **7D2194**, and if you desaturate by 10%, it is **833F94**.

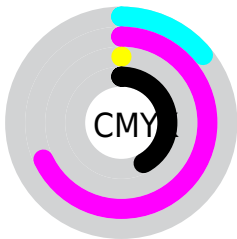
Distribution



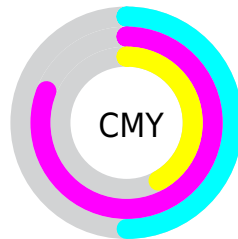
- Red (50%)
- Green (19%)
- Blue (58%)



- Red (50%)
- Yellow (19%)
- Blue (58%)



- Cyan (14%)
- Magenta (68%)
- Yellow (0%)
- Black (42%)



- Cyan (50%)
- Magenta (81%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 803094 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 803094 by changing the saturation by 10% instead.

803094

803094

FFFFFF

65137A

B764CB

4B0061

D47FE7

310048

F19AFF

190031

FFB6FF

00011B

FFD2FF

000000

FFEEFF

803094

803094

7D2194

833F94

7A1294

864E94

770494

895C94

760094

8C6B94

8F7A94

928994

959894

98A694

9BB594

Harmonies

Analogous

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



194DB4



803094



A40265

Triad

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



803094



734D00



006978

Complementary

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



803094



449430

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.



006843



803094



455C00

Square

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



803094



963300



006406



0067A3

Rectangle

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



803094



AA0043



006406



006966

Sweetspot

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



803094



B899BF



304494



5C4A61



E0E0E0



616161

Same Dimension

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



803094



A024BF



943076



48434A



6E008A



08000A

Inverse Universe

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



943044



BF2443



30944E



4A4344



8A001C



0A0002

Previews

White Background



This preview shows how the Hex color 803094 looks on a white background.

Color Contrast Check

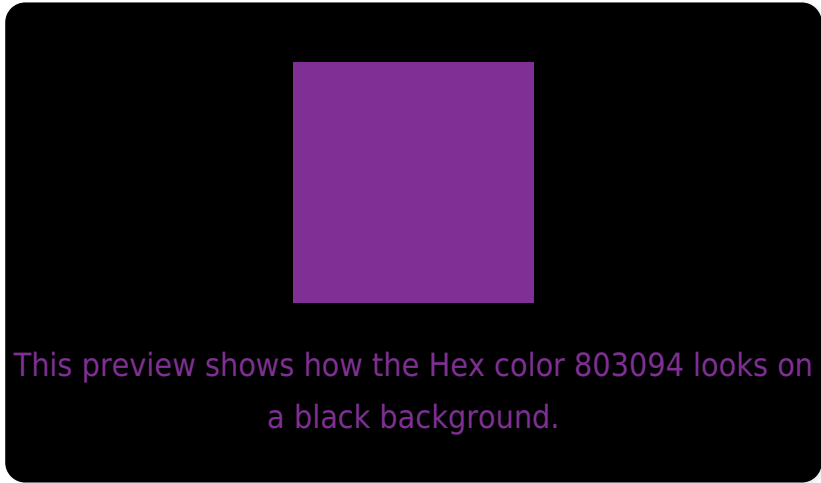
Large Text (above 18pt) WCAG AA ✓ Pass

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

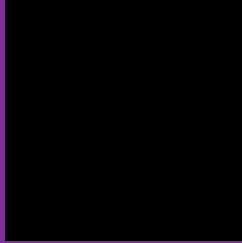
Any Text WCAG AA × Fail

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 803094 Background



This preview shows how black text looks on a background with the Hex color 803094.

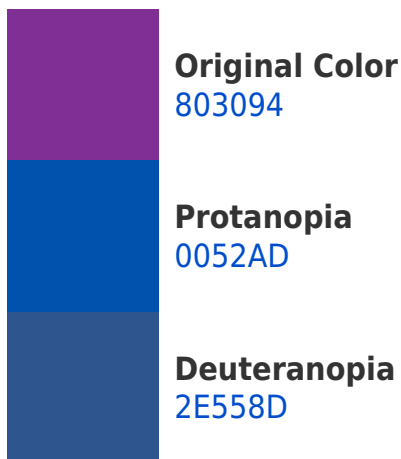



This preview shows how white text looks on a background with the Hex color 803094.

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](#).

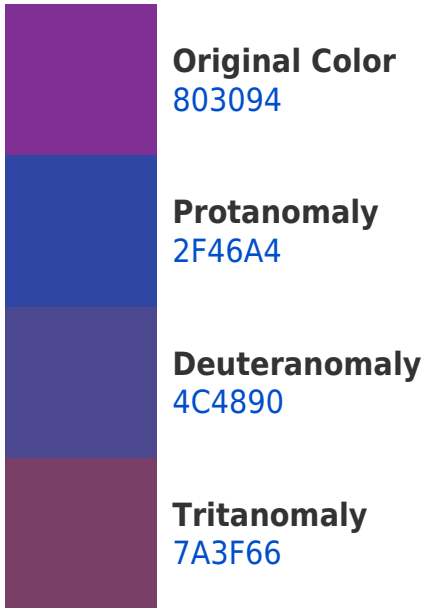
Dichromacy



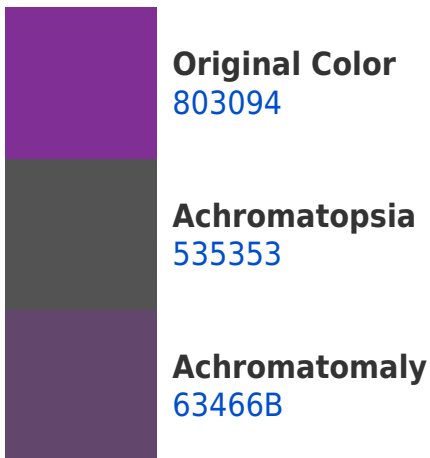


Tritanopia
76474C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 803094 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 #803094 looks like.

```
.text, #text, p{  
    color:#803094  
}
```

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 #803094 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803094
}
```

Border

The CSS property to change the border of an element to Hex 803094 is called "border". The border property can be set on classes, ids or directly on the HTML element.

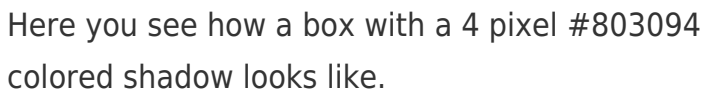
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803094 }
```

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

```
.border{ border-color:#803094 }
```

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



Here you see how a box with a 4 pixel #803094 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803094; -webkit-box-shadow:4px 4px  
4px 4px #803094; box-shadow:4px 4px 4px  
4px #803094 }
```

Background

The CSS property to change the background color of an element to Hex 803094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803094 }
```

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

```
.background{ background-color:#803094 }
```

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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