

Converting Colors

Hex(803096)

Have a look what the booklet for
Hex(803096) contains.

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Color

Hex(803096)

Conversions

Conversions Part 1

Format	Color
Hex	803096
RGB	128, 48, 150
RGB Percent	50%, 19%, 59%
CMY	0.4980, 0.8118, 0.4118
CMYK	0.15, 0.68, 0.00, 0.41
HSL	287°, 52%, 39%
HSV	287°, 68%, 59%
XYZ	15.4641, 8.9051, 29.7580
YIQ	83.5480, 14.9380, 48.6820

Conversions

Conversions Part 2

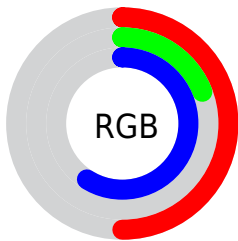
Format	Color
R_{YB}	128, 48, 150
Decimal	8401046
CIE _{Lab}	35.80, 49.68, -40.48
CIE _{LCh}	36, 64.083, 320.827
Yxy	8.9051, 0.2857, 0.1645
Android (android.graphics.Color)	4286591126 (0xFF803096)
YUV	83.5480, 32.7608, 38.9844
Hunter-Lab	29.8414, 40.2776, -38.2352

Details

The Hex color **803096** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **469630**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **B764CD**, and **4B0062** is the 20% darker color. If you saturate the color by 10%, you get **7D2196**, and if you desaturate by 10%, it is **833F96**.

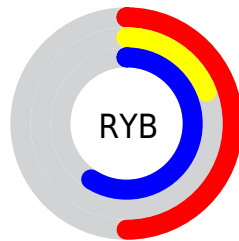
Distribution



Red (50%)

Green (19%)

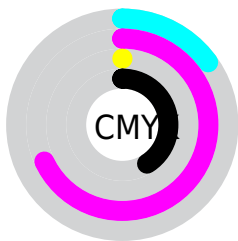
Blue (59%)



Red (50%)

Yellow (19%)

Blue (59%)

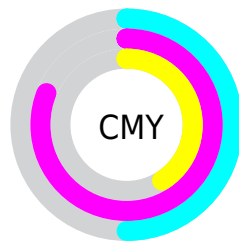


Cyan (15%)

Magenta (68%)

Yellow (0%)

Black (41%)



Cyan (50%)

Magenta (81%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 803096 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 803096 by changing the saturation by 10% instead.

 803096

 803096

FFFFFF

 65137C

 B764CD

 4B0062

 D47FE9

 31004A

 F19AFF

 190033

 FFB6FF

 00021C

 FFD2FF

 000000

 FFEFFF

 803096

 803096

 7D2196

 833F96

 7A1296

 864E96

 760396

 8A5D96

 760096

 8D6C96

 907B96

 938A96

 979996

 9AA896

 9DB796

Harmonies

Analogous

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



0F4EB6



803096



A50066

Triad

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



803096



754D00



006A78

Complementary

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



803096



469630

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.



006842



803096



465C00

Square

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



803096



973200



006503



0068A4

Rectangle

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



803096



AB0044



006503



006966

Sweetspot

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



803096



B99BC2



304696



5C4A61



E0E0E0



616161

Same Dimension

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



803096



A023C2



963079



48434A



6C008A



08000A

Inverse Universe

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



963046



C22345



30964D



4A4344



8A001E



0A0002

Previews

White Background



This preview shows how the Hex color 803096 looks on a white background.

Color Contrast Check

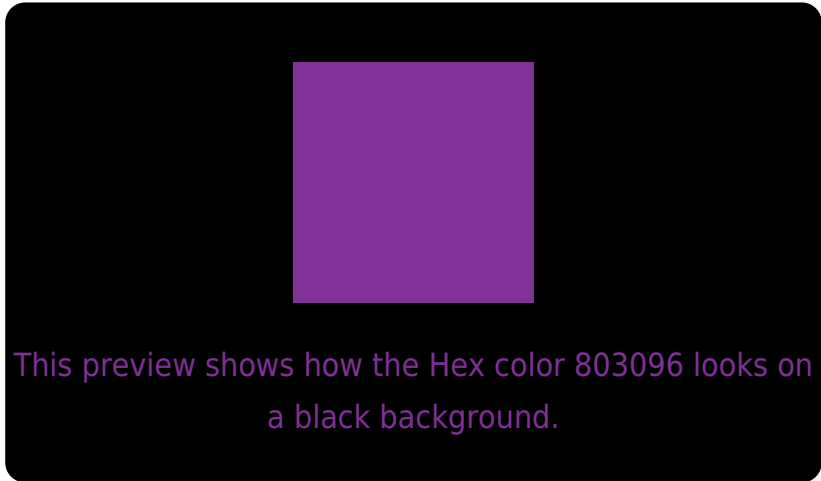
Large Text (above 18pt) WCAG AA ✓ Pass

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

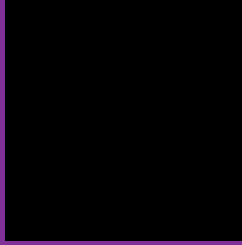
Any Text WCAG AA × Fail

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 803096 Background



This preview shows how black text looks on a background with the Hex color 803096.




This preview shows how white text looks on a background with the Hex color 803096.

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
76484D

Trichromacy



Original Color
803096



Protanomaly
2F46A5



Deuteranomaly
4B4892



Tritanomaly
7A3F68

Monochromacy



Original Color
803096



Achromatopsia
545454



Achromatomaly
64476C

CSS Examples

Text

The CSS property to change the color of the text to Hex 803096 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 #803096 looks like.

```
.text, #text, p{  
    color:#803096  
}
```

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 #803096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803096
}
```

Border

The CSS property to change the border of an element to Hex 803096 is called "border". The border property can be set on classes, ids or directly on the HTML element.

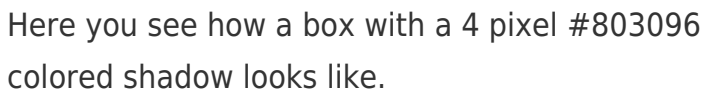
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803096 }
```

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

```
.border{ border-color:#803096 }
```

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



Here you see how a box with a 4 pixel #803096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803096; -webkit-box-shadow:4px 4px  
4px 4px #803096; box-shadow:4px 4px 4px  
4px #803096 }
```

Background

The CSS property to change the background color of an element to Hex 803096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803096 }
```

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

```
.background{ background-color:#803096 }
```

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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