

Converting Colors

Hex(801C88)

Have a look what the booklet for
Hex(801C88) contains.

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Color

Hex(801C88)

Conversions

Conversions Part 1

Format	Color
Hex	801C88
RGB	128, 28, 136
RGB Percent	50%, 11%, 53%
CMY	0.4980, 0.8902, 0.4667
CMYK	0.06, 0.79, 0.00, 0.47
HSL	296°, 66%, 32%
HSV	296°, 79%, 53%
XYZ	13.7613, 7.1973, 23.9565
YIQ	70.2120, 24.9320, 54.7880

Conversions

Conversions Part 2

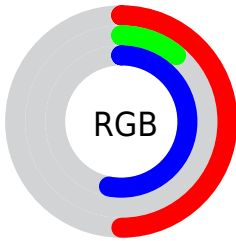
Format	Color
R_{YB}	128, 28, 136
Decimal	8395912
CIE _{Lab}	32.25, 54.57, -37.55
CIE _{LCh}	32, 66.237, 325.468
Yxy	7.1973, 0.3064, 0.1602
Android (android.graphics.Color)	4286585992 (0xFF801C88)
YUV	70.2120, 32.4335, 50.6801
Hunter-Lab	26.8277, 44.6129, -34.1650

Details

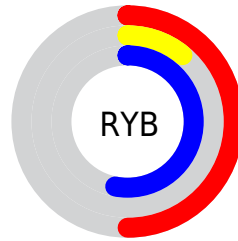
The Hex color **801C88** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **24881C**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **B855BE**, and **4A0055** is the 20% darker color. If you saturate the color by 10%, you get **7F0E88**, and if you desaturate by 10%, it is **812A88**.

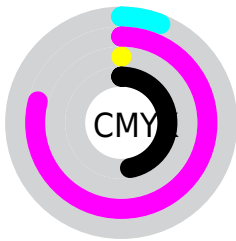
Distribution



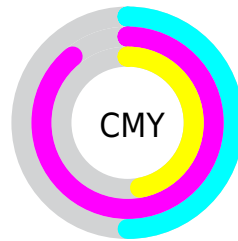
- Red (50%)
- Green (11%)
- Blue (53%)



- Red (50%)
- Yellow (11%)
- Blue (53%)



- Cyan (6%)
- Magenta (79%)
- Yellow (0%)
- Black (47%)



- Cyan (50%)
- Magenta (89%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 801C88 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 801C88 by changing the saturation by 10% instead.

 801C88

 801C88

FFFFFF

 65006E

 B855BE

 4A0055

 D570DA

 32003E

 F28BF7

 150027

 FFA7FF

 000110

 FFC3FF

 000000

 FFE0FF

 FFFDFF

 801C88

 801C88

■ 7F0E88

■ 812A88

■ 7E0188

■ 823788

■ 7E0088

■ 834588

■ 845288

■ 856088

■ 866E88

■ 877B88

■ 888988

■ 899688

Harmonies

Analogous

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



2342AC



801C88



A00056

Triad

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



801C88



644700



006178

Complementary

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



801C88



24881C

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.



006042



801C88



325600

Square

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



801C88



8A2D00



005D02



005FA2

Rectangle

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



801C88



A30034



005D02



006166

Sweetspot

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



801C88



AD86B0



1C2588



573F59



D9D9D9



595959

Same Dimension

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



801C88



A409B0



881C5B



443E45



7B0085



050005

Inverse Universe

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



881C24



B00915



1C8849



453E3E



85000A



050000

Previews

White Background



This preview shows how the Hex color 801C88 looks on a white background.

Color Contrast Check

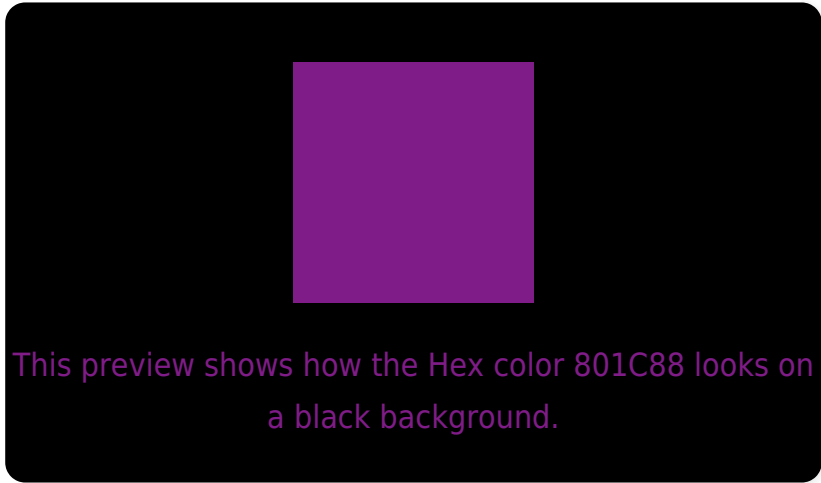
Large Text (above 18pt) WCAG AA ✓ Pass

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

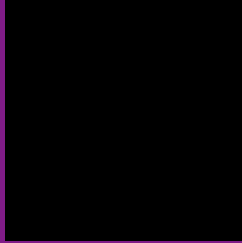
Any Text WCAG AA × Fail

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 801C88 Background



This preview shows how black text looks on a background with the Hex color 801C88.



This preview shows how white text looks on a background with the Hex color 801C88.

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
773A3E

Trichromacy



Original Color
801C88



Protanomaly
2F3A96



Deuteranomaly
4A3C84



Tritanomaly
7A2F59

Monochromacy



Original Color
801C88



Achromatopsia
464646



Achromatomaly
5B375E

CSS Examples

Text

The CSS property to change the color of the text to Hex 801C88 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 #801C88 looks like.

```
.text, #text, p{  
    color:#801C88  
}
```

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 #801C88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #801C88
}
```

Border

The CSS property to change the border of an element to Hex 801C88 is called "border". The border property can be set on classes, ids or directly on the HTML element.

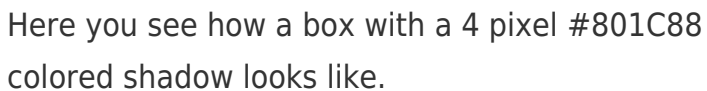
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#801C88 }
```

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

```
.border{ border-color:#801C88 }
```

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



Here you see how a box with a 4 pixel #801C88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #801C88; -webkit-box-shadow:4px 4px  
4px 4px #801C88; box-shadow:4px 4px 4px  
4px #801C88 }
```

Background

The CSS property to change the background color of an element to Hex 801C88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#801C88 }
```

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

```
.background{ background-color:#801C88 }
```

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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