

# Converting Colors

Hex(805B80)

Have a look what the booklet for  
Hex(805B80) contains.

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# Color

**Hex(805B80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	805B80
RGB	128, 91, 128
RGB Percent	50%, 36%, 50%
CMY	0.4980, 0.6431, 0.4980
CMYK	0.00, 0.29, 0.00, 0.50
HSL	300°, 17%, 43%
HSV	300°, 29%, 50%
XYZ	16.5395, 13.6299, 22.1812
YIQ	106.2810, 10.1750, 19.3510

# Conversions

## Conversions Part 2

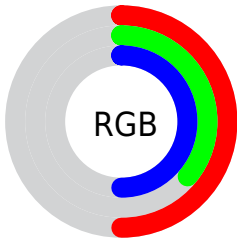
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 91, 128
Decimal	8412032
CIE Lab	43.70, 21.83, -14.75
CIE LCh	44, 26.348, 325.946
Yxy	13.6299, 0.3159, 0.2604
Android (android.graphics.Color)	4286602112 (0xFF805B80)
YUV	106.2810, 10.7075, 19.0476
Hunter-Lab	36.9187, 15.3598, -9.7791

# Details

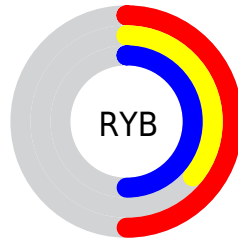
The Hex color **805B80** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5B805B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B58EB5**, and **4E2C4F** is the 20% darker color. If you saturate the color by 10%, you get **804E80**, and if you desaturate by 10%, it is **806880**.

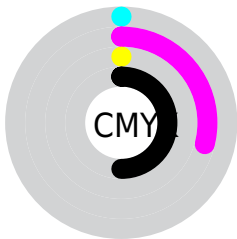
# Distribution



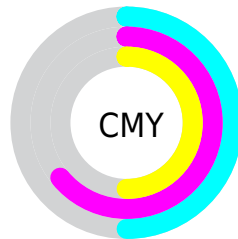
- Red (50%)
- Green (36%)
- Blue (50%)



- Red (50%)
- Yellow (36%)
- Blue (50%)



- Cyan (0%)
- Magenta (29%)
- Yellow (0%)
- Black (50%)



- Cyan (50%)
- Magenta (64%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 805B80 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 805B80 by changing the saturation by 10% instead.





805B80



805B80

FFFFFF



674367



B58EB5



4E2C4F



D1A8D0



371738



EEC4ED



220022



FFE0FF



000009



FFFCFF



000000



805B80



805B80



804E80



806880



804180



807580

803580

808180

802880

808E80

801B80

809B80

800E80

80A880

800180

80B580

800080

80C180

80CE80

# Harmonies

## Analogous

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



66638E



805B80



8F566B

# Triad

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



805B80



78653B



0A737A

# Complementary

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



805B80



5B805B

# 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.



2B7363



805B80



626C3F

# Square

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



805B80



895D44



49704E



1A708B

# Rectangle

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



805B80



92575C



49704E



157372



# Sweetspot

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



805B80



A697A6



5B5B80



544B54



D4D4D4



545454



# Same Dimension

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



805B80



A66CA6



805B6E



403940



800080



000000



# Inverse Universe

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



805B80



A66CA6



5B806E



403940



800080

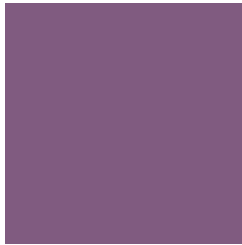


000000



# Previews

## White Background



This preview shows how the Hex color 805B80 looks on a white background.

## Color Contrast Check

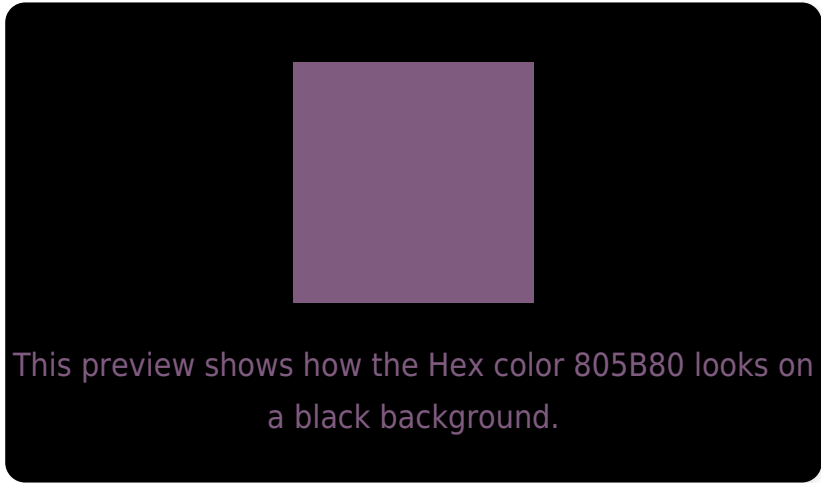
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

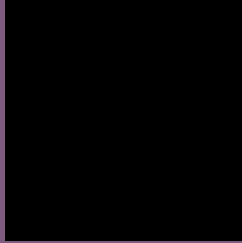
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 805B80 Background



This preview shows how black text looks on a background with the Hex color 805B80.



This preview shows how white text looks on a background with the Hex color 805B80.

# 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**  
7D6067

# Trichromacy



**Original Color**  
805B80

**Protanomaly**  
6A6285

**Deuteranomaly**  
6F617F

**Tritanomaly**  
7E5E70

# Monochromacy



**Original Color**  
805B80

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
726572

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 805B80 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 #805B80 looks like.

```
.text, #text, p{  
    color:#805B80  
}
```

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 #805B80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #805B80
}
```

## Border

The CSS property to change the border of an element to Hex 805B80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

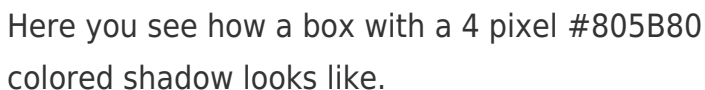
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#805B80 }
```

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

```
.border{ border-color:#805B80 }
```

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



Here you see how a box with a 4 pixel #805B80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #805B80; -webkit-box-shadow:4px 4px  
4px 4px #805B80; box-shadow:4px 4px 4px  
4px #805B80 }
```

# Background

The CSS property to change the background color of an element to Hex 805B80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#805B80 }
```

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

```
.background{ background-color:#805B80 }
```

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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