

Converting Colors

Hex(815A80)

Have a look what the booklet for
Hex(815A80) contains.

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Color

Hex(815A80)

Conversions

Conversions Part 1

Format	Color
Hex	815A80
RGB	129, 90, 128
RGB Percent	51%, 35%, 50%
CMY	0.4941, 0.6471, 0.4980
CMYK	0.00, 0.30, 0.01, 0.49
HSL	302°, 18%, 43%
HSV	302°, 30%, 51%
XYZ	16.6057, 13.5380, 22.1599
YIQ	105.9930, 11.0460, 20.0860

Conversions

Conversions Part 2

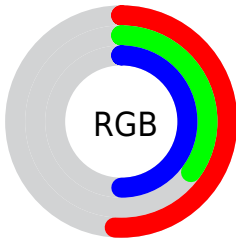
Format	Color
R_{YB}	129, 90, 128
Decimal	8477312
CIE _{Lab}	43.56, 22.78, -14.95
CIE _{LCh}	44, 27.248, 326.728
Yxy	13.5380, 0.3175, 0.2588
Android (android.graphics.Color)	4286667392 (0xFF815A80)
YUV	105.9930, 10.8495, 20.1771
Hunter-Lab	36.7940, 16.1704, -9.9529

Details

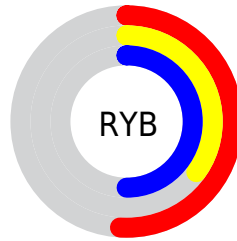
The Hex color **815A80** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5A815B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B68DB5**, and **4F2B4F** is the 20% darker color. If you saturate the color by 10%, you get **814D80**, and if you desaturate by 10%, it is **816780**.

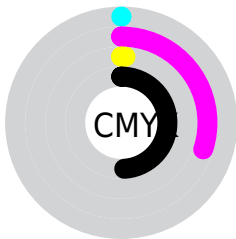
Distribution



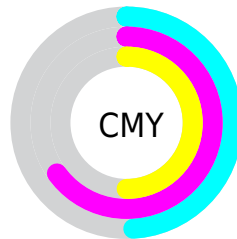
- Red (51%)
- Green (35%)
- Blue (50%)



- Red (51%)
- Yellow (35%)
- Blue (50%)



- Cyan (0%)
- Magenta (30%)
- Yellow (1%)
- Black (49%)



- Cyan (49%)
- Magenta (65%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 815A80 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 815A80 by changing the saturation by 10% instead.

815A80

815A80

FFFFFF

674267

B68DB5

4F2B4F

D2A7D0

371538

EFC3ED

220022

FFDFFF

000009

FFFBFF

000000

815A80

815A80

814D80

816780

81407F

817481

81337F

818181

81267F

818E81

811A7E

819B82

810D7E

81A782

81007E

81B482

81C183

81CE83

Harmonies

Analogous

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



66628F



815A80



90556A

Triad

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



815A80



786539



00737A

Complementary

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



815A80



5A815B

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.



267364



815A80



616C3E

Square

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



815A80



895D42



46704D



12708C

Rectangle

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



815A80



93565B



46704D



087373

Sweetspot

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



815A80



A899A8



5B5A81



544B54



D4D4D4



545454

Same Dimension

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



815A80



A86CA7



815A6D



403940



80007C



000000

Inverse Universe

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



815A80



A86CA7



5A816E



403940



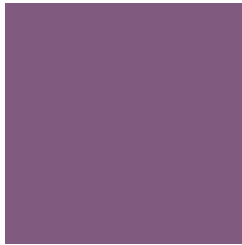
80007C



000000

Previews

White Background



This preview shows how the Hex color 815A80 looks on a white background.

Color Contrast Check

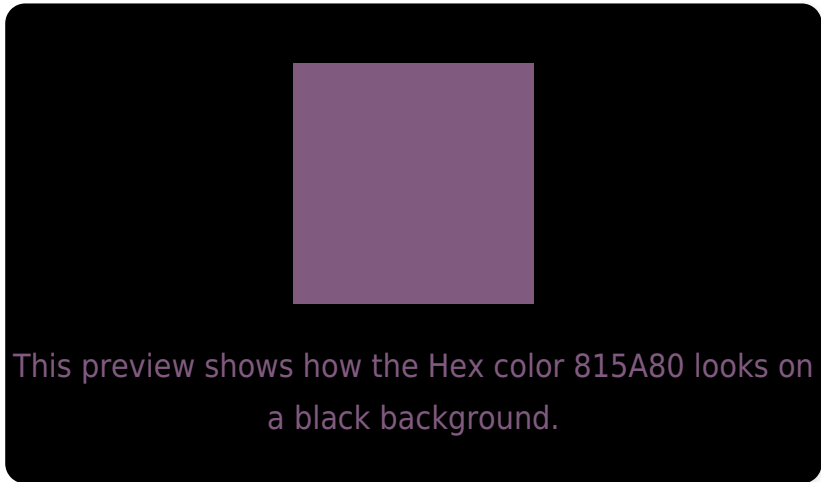
Large Text (above 18pt) WCAG AA ✓ Pass

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

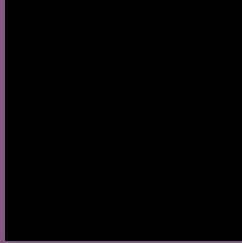
Any Text WCAG AA × Fail

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 815A80 Background



This preview shows how black text looks on a background with the Hex color 815A80.



This preview shows how white text looks on a background with the Hex color 815A80.

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
7E5F66

Trichromacy



Original Color
815A80

Protanomaly
6B6286

Deuteranomaly
70617F

Tritanomaly
7F5D6F

Monochromacy



Original Color
815A80

Achromatopsia
6A6A6A

Achromatomaly
726472

CSS Examples

Text

The CSS property to change the color of the text to Hex 815A80 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 #815A80 looks like.

```
.text, #text, p{  
    color:#815A80  
}
```

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 #815A80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #815A80
}
```

Border

The CSS property to change the border of an element to Hex 815A80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

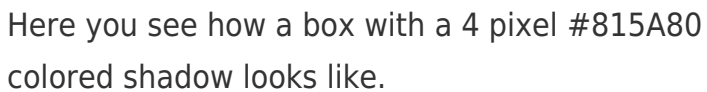
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#815A80 }
```

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

```
.border{ border-color:#815A80 }
```

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



Here you see how a box with a 4 pixel #815A80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #815A80; -webkit-box-shadow:4px 4px  
4px 4px #815A80; box-shadow:4px 4px 4px  
4px #815A80 }
```

Background

The CSS property to change the background color of an element to Hex 815A80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#815A80 }
```

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

```
.background{ background-color:#815A80 }
```

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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