

# Converting Colors

Hex(814A83)

Have a look what the booklet for  
Hex(814A83) contains.

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**Color**

**Hex(814A83)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	814A83
RGB	129, 74, 131
RGB Percent	51%, 29%, 51%
CMY	0.4941, 0.7098, 0.4863
CMYK	0.02, 0.44, 0.00, 0.49
HSL	298°, 28%, 40%
HSV	298°, 44%, 51%
XYZ	15.5988, 11.2034, 22.8131
YIQ	96.9430, 14.4830, 29.3870

# Conversions

## Conversions Part 2

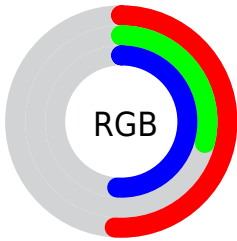
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 74, 131
Decimal	8473219
CIE <sub>Lab</sub>	39.92, 32.71, -22.37
CIE <sub>LCh</sub>	40, 39.630, 325.631
Yxy	11.2034, 0.3144, 0.2258
Android (android.graphics.Color)	4286663299 (0xFF814A83)
YUV	96.9430, 16.7901, 28.1140
Hunter-Lab	33.4714, 24.6117, -16.9801

# Details

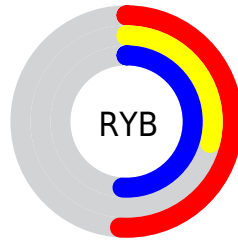
The Hex color **814A83** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4C834A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B77CB8**, and **4E1A51** is the 20% darker color. If you saturate the color by 10%, you get **813D83**, and if you desaturate by 10%, it is **815783**.

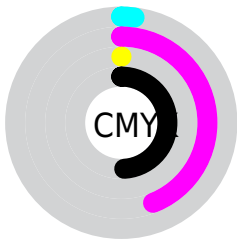
# Distribution



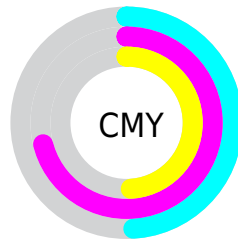
- Red (51%)
- Green (29%)
- Blue (51%)



- Red (51%)
- Yellow (29%)
- Blue (51%)



- Cyan (2%)
- Magenta (44%)
- Yellow (0%)
- Black (49%)



- Cyan (49%)
- Magenta (71%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 814A83 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 814A83 by changing the saturation by 10% instead.



 814A83

 814A83

FFFFFF

 67326A

 B77CB8

 4E1A51

 D397D4

 36013A

 F0B2F0

 230025

 FFCEFF

 00000C

 FFEAFF

 000000

 814A83

 814A83

 813D83

 815783

 803083

 826483

802383

827183

7F1683

837E83

7F0983

838B83

7E0083

849983

84A683

85B383

85C083

# Harmonies

## Analogous

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



575799



814A83



964164

# Triad

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



814A83



745B19



006E79

# Complementary

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



814A83



4C834A

# 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.



006E58



814A83



54641F

# Square

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



814A83



8C4E29



2A6B38



006A93

# Rectangle

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



814A83



9A414E



2A6B38



006E6E



# Sweetspot

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



814A83



AA95AB



4A4D83



564957



D6D6D6



575757



# Same Dimension

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



814A83



A852AB



834A69



423C42



7D0082



020003



# Inverse Universe

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



834A4C



AB5255



4A8364



423C3C



820005

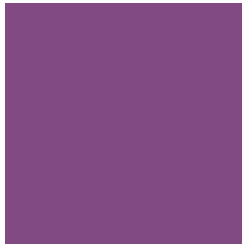


030000



# Previews

## White Background



This preview shows how the Hex color 814A83 looks on a white background.

## Color Contrast Check

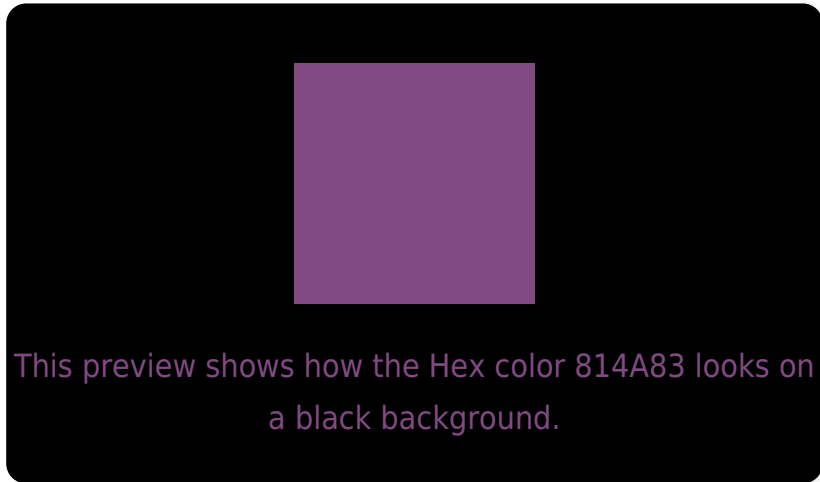
Large Text (above 18pt) WCAG AA ✓ Pass

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

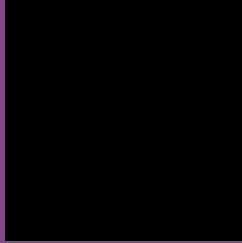
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 814A83 Background



This preview shows how black text looks on a background with the Hex color 814A83.



This preview shows how white text looks on a background with the Hex color 814A83.

# 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**  
7C535A

# Trichromacy



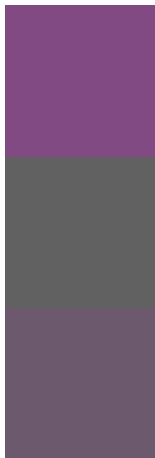
**Original Color**  
814A83

**Protanomaly**  
5F568D

**Deuteranomaly**  
655680

**Tritanomaly**  
7E5069

# Monochromacy



**Original Color**  
814A83

**Achromatopsia**  
616161

**Achromatomaly**  
6D596D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 814A83 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 #814A83 looks like.

```
.text, #text, p{  
    color:#814A83  
}
```

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 #814A83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #814A83
}
```

## Border

The CSS property to change the border of an element to Hex 814A83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

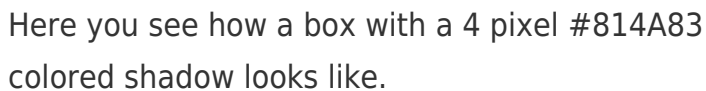
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#814A83 }
```

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

```
.border{ border-color:#814A83 }
```

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



Here you see how a box with a 4 pixel #814A83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #814A83; -webkit-box-shadow:4px 4px  
4px 4px #814A83; box-shadow:4px 4px 4px  
4px #814A83 }
```

# Background

The CSS property to change the background color of an element to Hex 814A83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#814A83 }
```

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

```
.background{ background-color:#814A83 }
```

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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