

# Converting Colors

Hex(814A97)

Have a look what the booklet for  
Hex(814A97) contains.

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# Color

**Hex(814A97)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	814A97
RGB	129, 74, 151
RGB Percent	51%, 29%, 59%
CMY	0.4941, 0.7098, 0.4078
CMYK	0.15, 0.51, 0.00, 0.41
HSL	283°, 34%, 44%
HSV	283°, 51%, 59%
XYZ	17.0880, 11.7991, 30.6550
YIQ	99.2230, 8.0630, 35.6070

# Conversions

## Conversions Part 2

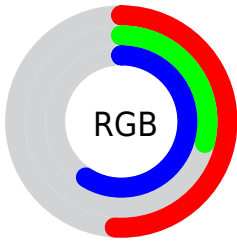
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 74, 151
Decimal	8473239
CIE Lab	40.89, 36.96, -32.99
CIE LCh	41, 49.541, 318.251
Yxy	11.7991, 0.2870, 0.1982
Android (android.graphics.Color)	4286663319 (0xFF814A97)
YUV	99.2230, 25.5261, 26.1144
Hunter-Lab	34.3497, 28.6863, -28.8677

# Details

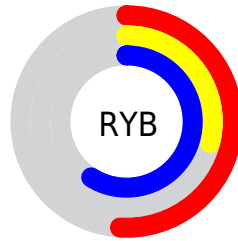
The Hex color **814A97** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **60974A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **B77DCE**, and **4D1964** is the 20% darker color. If you saturate the color by 10%, you get **7D3B97**, and if you desaturate by 10%, it is **855997**.

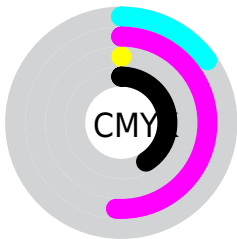
# Distribution



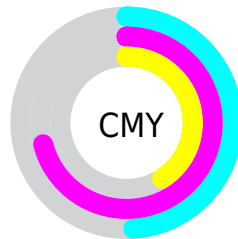
- Red (51%)
- Green (29%)
- Blue (59%)



- Red (51%)
- Yellow (29%)
- Blue (59%)



- Cyan (15%)
- Magenta (51%)
- Yellow (0%)
- Black (41%)



- Cyan (49%)
- Magenta (71%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 814A97 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 814A97 by changing the saturation by 10% instead.



814A97

814A97

FFFFFF

67327D

B77DCE

4D1964

D497EA

35004B

F1B2FF

200034

FFCEFF

00021E

FFEBFF

000000

814A97

814A97

7D3B97

855997

782C97

8A6897

741D97

8E7797

700E97

928697

6C0097

979697

9BA597

9FB497

A4C397

A8D297

# Harmonies

## Analogous

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



3E5CAE



814A97



A13A72

# Triad

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



814A97



815902



007379

# Complementary

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



814A97



60974A

# 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.



00724F



814A97



5D6601

# Square

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



814A97



9C4824



296E26



00719C

# Rectangle

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



814A97



A93757



296E26



00736B



# Sweetspot

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



814A97



BCA7C4



4A6197



5E5263



E3E3E3



636363



# Same Dimension

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



814A97



A24DC4



974A88



4A454D



64008C



09000D



# Inverse Universe

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



974A60



C44D6F



4A9759



4D4547



8C0028

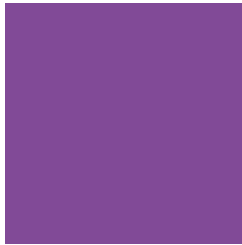


0D0004



# Previews

## White Background



This preview shows how the Hex color 814A97 looks on a white background.

## Color Contrast Check

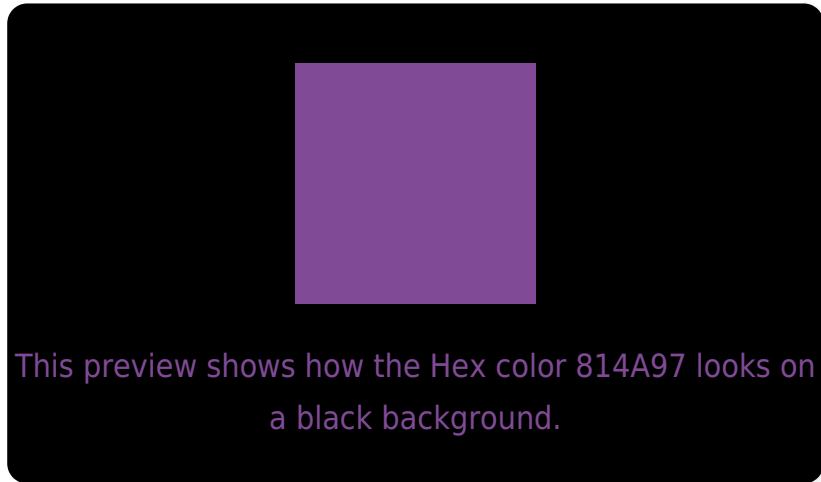
Large Text (above 18pt) WCAG AA ✓ Pass

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

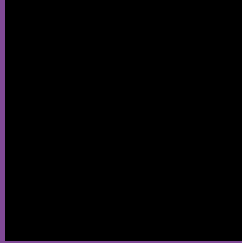
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 814A97 Background



This preview shows how black text looks on a background with the Hex color 814A97.




This preview shows how white text looks on a background with the Hex color 814A97.

# 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**  
79585F

# Trichromacy



**Original Color**  
814A97

**Protanomaly**  
5757A3

**Deuteranomaly**  
5D5894

**Tritanomaly**  
7C5373

# Monochromacy



**Original Color**  
814A97

**Achromatopsia**  
636363

**Achromatomaly**  
6E5A76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 814A97 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 #814A97 looks like.

```
.text, #text, p{  
    color:#814A97  
}
```

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 #814A97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #814A97
}
```

## Border

The CSS property to change the border of an element to Hex 814A97 is called "border". The border property can be set on classes, ids or directly on the HTML element.

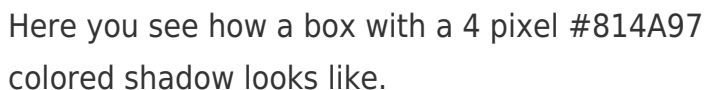
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#814A97 }
```

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

```
.border{ border-color:#814A97 }
```

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



Here you see how a box with a 4 pixel #814A97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #814A97; -webkit-box-shadow:4px 4px  
4px 4px #814A97; box-shadow:4px 4px 4px  
4px #814A97 }
```

# Background

The CSS property to change the background color of an element to Hex 814A97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#814A97 }
```

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

```
.background{ background-color:#814A97 }
```

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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