

# Converting Colors

Hex(814D85)

Have a look what the booklet for  
Hex(814D85) contains.

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# Color

**Hex(814D85)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	814D85
RGB	129, 77, 133
RGB Percent	51%, 30%, 52%
CMY	0.4941, 0.6980, 0.4784
CMYK	0.03, 0.42, 0.00, 0.48
HSL	296°, 27%, 41%
HSV	296°, 42%, 52%
XYZ	15.9408, 11.6683, 23.6023
YIQ	98.9320, 13.0160, 28.4400

# Conversions

## Conversions Part 2

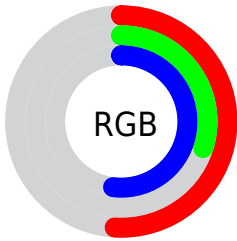
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 77, 133
Decimal	8473989
CIE <sub>Lab</sub>	40.68, 31.41, -22.41
CIE <sub>LCh</sub>	41, 38.584, 324.491
Yxy	11.6683, 0.3113, 0.2278
Android (android.graphics.Color)	4286664069 (0xFF814D85)
YUV	98.9320, 16.7955, 26.3696
Hunter-Lab	34.1589, 23.5215, -17.0555

# Details

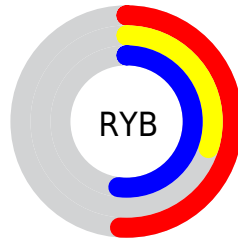
The Hex color **814D85** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **51854D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **B77FBA**, and **4E1E53** is the 20% darker color. If you saturate the color by 10%, you get **804085**, and if you desaturate by 10%, it is **825A85**.

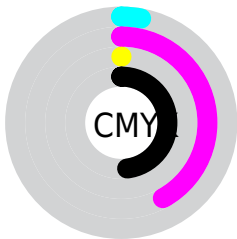
# Distribution



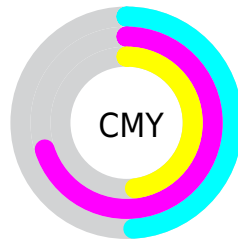
- Red (51%)
- Green (30%)
- Blue (52%)



- Red (51%)
- Yellow (30%)
- Blue (52%)



- Cyan (3%)
- Magenta (42%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (70%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 814D85 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 814D85 by changing the saturation by 10% instead.



814D85

814D85

FFFFFF

67356C

B77FBA

4E1E53

D39AD6

36053C

F0B5F3

230026

FFD1FF

00010F

FFEDFF

000000

814D85

814D85

804085

825A85

7F3285

836885

 7E2585

 847585

 7D1885

 858285

 7C0B85

 868F85

 7C0085

 879D85

 88AA85

 89B785

 8AC585

# Harmonies

## Analogous

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



575A9A



814D85



964467

# Triad

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



814D85



765C1E



006F79

# Complementary

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



814D85



51854D

# 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.



006F59



814D85



586623

# Square

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



814D85



8E502D



306C3A



006C93

# Rectangle

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



814D85



9A4452



306C3A



00706F



# Sweetspot

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



814D85



AC97AD



4D5285



564957



D6D6D6



575757



# Same Dimension

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



814D85



A755AD



854D6E



423C42



790082



020003



# Inverse Universe

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



854D51



AD555B



4D8564



423C3C



820009

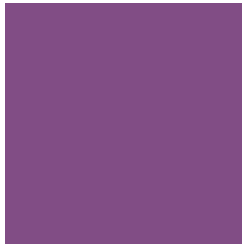


030000



# Previews

## White Background



This preview shows how the Hex color 814D85 looks on a white background.

## Color Contrast Check

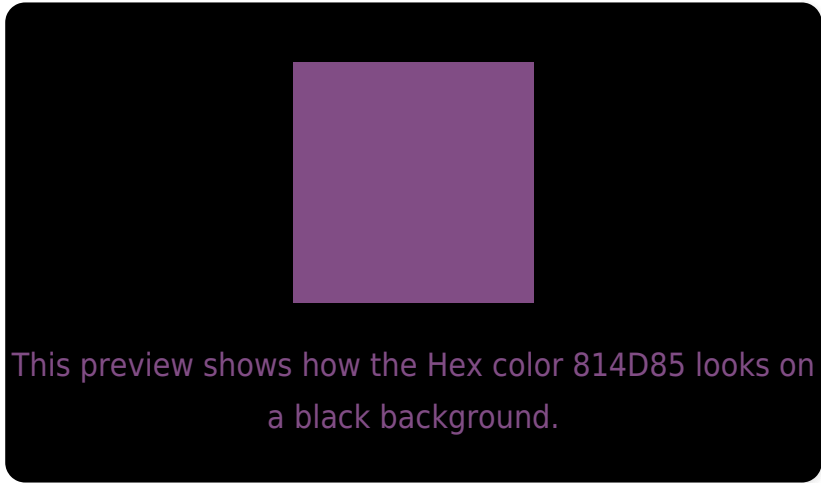
Large Text (above 18pt) WCAG AA ✓ Pass

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

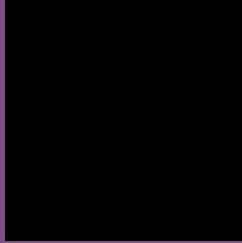
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 814D85 Background



This preview shows how black text looks on a background with the Hex color 814D85.




This preview shows how white text looks on a background with the Hex color 814D85.

# 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**  
7C565C

# Trichromacy



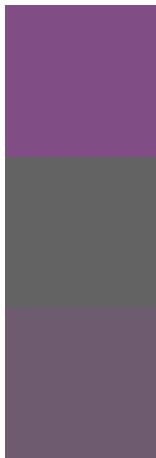
**Original Color**  
814D85

**Protanomaly**  
61588E

**Deuteranomaly**  
665883

**Tritanomaly**  
7E536B

# Monochromacy



**Original Color**  
814D85

**Achromatopsia**  
636363

**Achromatomaly**  
6E5B6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 814D85 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 #814D85 looks like.

```
.text, #text, p{  
    color:#814D85  
}
```

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 #814D85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #814D85
}
```

## Border

The CSS property to change the border of an element to Hex 814D85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

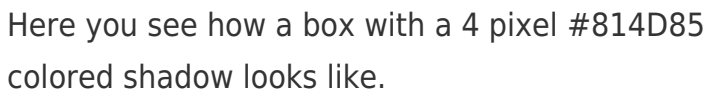
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#814D85 }
```

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

```
.border{ border-color:#814D85 }
```

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



Here you see how a box with a 4 pixel #814D85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #814D85; -webkit-box-shadow:4px 4px  
4px 4px #814D85; box-shadow:4px 4px 4px  
4px #814D85 }
```

# Background

The CSS property to change the background color of an element to Hex 814D85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#814D85 }
```

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

```
.background{ background-color:#814D85 }
```

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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