

# Converting Colors

Hex(824D83)

Have a look what the booklet for  
Hex(824D83) contains.

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# Color

**Hex(824D83)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	824D83
RGB	130, 77, 131
RGB Percent	51%, 30%, 51%
CMY	0.4902, 0.6980, 0.4863
CMYK	0.01, 0.41, 0.00, 0.49
HSL	299°, 26%, 41%
HSV	299°, 41%, 51%
XYZ	15.9565, 11.6923, 22.8886
YIQ	99.0030, 14.2540, 28.0300

# Conversions

## Conversions Part 2

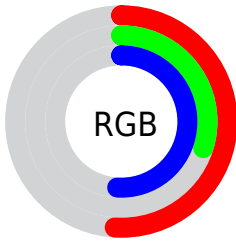
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 77, 131
Decimal	8539523
CIE <sub>Lab</sub>	40.72, 31.33, -21.12
CIE <sub>LCh</sub>	41, 37.786, 326.017
Yxy	11.6923, 0.3157, 0.2314
Android (android.graphics.Color)	4286729603 (0xFF824D83)
YUV	99.0030, 15.7745, 27.1844
Hunter-Lab	34.1940, 23.4571, -15.7514

# Details

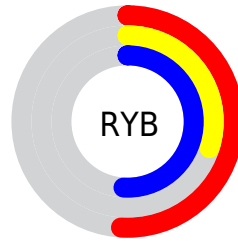
The Hex color **824D83** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4E834D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **B87FB8**, and **4F1E51** is the 20% darker color. If you saturate the color by 10%, you get **824083**, and if you desaturate by 10%, it is **825A83**.

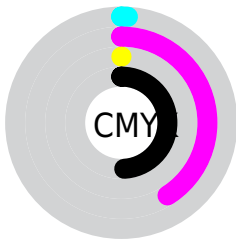
# Distribution



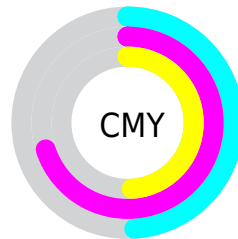
- Red (51%)
- Green (30%)
- Blue (51%)



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



- Cyan (1%)
- Magenta (41%)
- Yellow (0%)
- Black (49%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 824D83 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 824D83 by changing the saturation by 10% instead.



 824D83

 824D83

FFFFFF

 68356A

 B87FB8

 4F1E51

 D49AD4

 37053A

 F1B5F0

 240025

 FFD1FF

 00000C

 FFEDFF

 000000

 824D83

 824D83

 824083

 825A83

 823383

 826783

■ 812683

■ 837483

■ 811983

■ 838183

■ 810B83

■ 838E83

■ 810083

■ 839C83

■ 84A983

■ 84B683

■ 84C383

# Harmonies

## Analogous

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



5B5A98



824D83



964565

# Triad

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



824D83



755D1F



006F7A

# Complementary

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



824D83



4E834D

# 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.



006F5B



824D83



576625

# Square

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



824D83



8C512D



2F6C3C



006C93

# Rectangle

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



824D83



994551



2F6C3C



006F70



# Sweetspot

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



824D83



AA96AB



4D4F83



564B57



D6D6D6



575757



# Same Dimension

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



824D83



A957AB



834D6A



423C42



800082



030003



# Inverse Universe

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



834D4E



AB5759



4D8366



423C3C



820002



030000



# Previews

## White Background



This preview shows how the Hex color 824D83 looks on a white background.

## Color Contrast Check

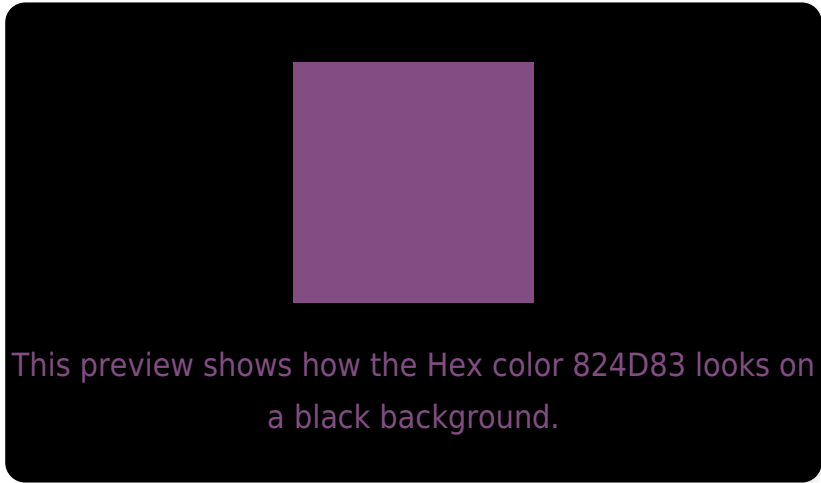
Large Text (above 18pt) WCAG AA ✓ Pass

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

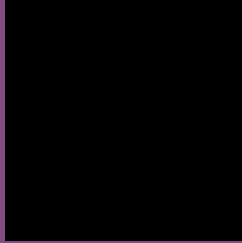
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 824D83 Background



This preview shows how black text looks on a background with the Hex color 824D83.




This preview shows how white text looks on a background with the Hex color 824D83.

# 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**  
7D555C

# Trichromacy



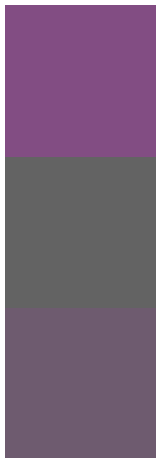
**Original Color**  
824D83

**Protanomaly**  
62588C

**Deuteranomaly**  
685881

**Tritanomaly**  
7F526A

# Monochromacy



**Original Color**  
824D83

**Achromatopsia**  
636363

**Achromatomaly**  
6E5B6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 824D83 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 #824D83 looks like.

```
.text, #text, p{  
    color:#824D83  
}
```

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 #824D83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #824D83
}
```

## Border

The CSS property to change the border of an element to Hex 824D83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

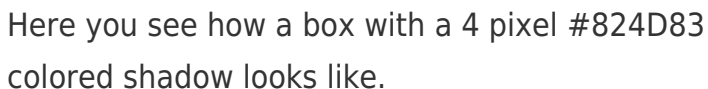
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#824D83 }
```

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

```
.border{ border-color:#824D83 }
```

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



Here you see how a box with a 4 pixel #824D83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #824D83; -webkit-box-shadow:4px 4px  
4px 4px #824D83; box-shadow:4px 4px 4px  
4px #824D83 }
```

# Background

The CSS property to change the background color of an element to Hex 824D83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#824D83 }
```

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

```
.background{ background-color:#824D83 }
```

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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