

# Converting Colors

Hex(825C84)

Have a look what the booklet for  
Hex(825C84) contains.

<b>Hex(825C84)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(825C84)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	825C84
RGB	130, 92, 132
RGB Percent	51%, 36%, 52%
CMY	0.4902, 0.6392, 0.4824
CMYK	0.02, 0.30, 0.00, 0.48
HSL	297°, 18%, 44%
HSV	297°, 30%, 52%
XYZ	17.1979, 14.0661, 23.6384
YIQ	107.9220, 9.8080, 20.4960

# Conversions

## Conversions Part 2

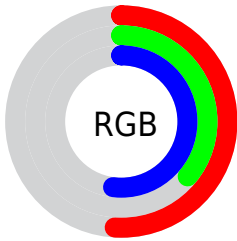
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 92, 132
Decimal	8543364
CIE <sub>Lab</sub>	44.33, 22.77, -16.19
CIE <sub>LCh</sub>	44, 27.939, 324.586
Yxy	14.0661, 0.3132, 0.2562
Android (android.graphics.Color)	4286733444 (0xFF825C84)
YUV	107.9220, 11.8705, 19.3624
Hunter-Lab	37.5047, 16.2184, -11.1158

# Details

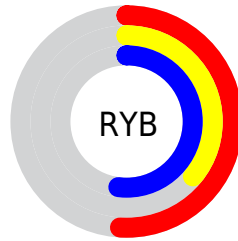
The Hex color **825C84** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5E845C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B88FB9**, and **502D52** is the 20% darker color. If you saturate the color by 10%, you get **814F84**, and if you desaturate by 10%, it is **836984**.

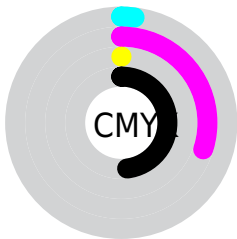
# Distribution



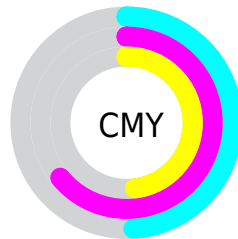
- Red (51%)
- Green (36%)
- Blue (52%)



- Red (51%)
- Yellow (36%)
- Blue (52%)



- Cyan (2%)
- Magenta (30%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (64%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 825C84 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 825C84 by changing the saturation by 10% instead.



 825C84

 825C84

FFFFFF

 68446B

 B88FB9

 502D52

 D3A9D5

 38173B

 F0C5F1

 230026

 FFE1FF

 00010F

FFFEFF

 000000

 825C84

 825C84

 814F84

 836984

 814284

 837684

 803484

 848484

 7F2784

 859184

 7F1A84

 859E84

 7E0D84

 86AB84

 7D0084

 87B884

 87C684

 88D384

# Harmonies

## Analogous

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



656493



825C84



92576E

# Triad

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



825C84



7C663A



00757B

# Complementary

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



825C84



5E845C

# 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.



287564



825C84



646D3E

# Square

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



825C84



8D5E44



49724D



09728E

# Rectangle

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



825C84



96575E



49724D



087574



# Sweetspot

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



825C84



AA9BAB



5C5E84



564D57



D6D6D6



575757



# Same Dimension

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



825C84



A86DAB



845C73



423C42



7C0082



020003



# Inverse Universe

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



845C5E



AB6D70



5C846D



423C3C



820007

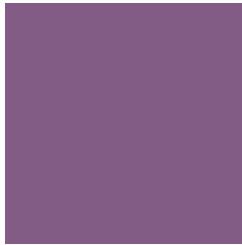


030000



# Previews

## White Background



This preview shows how the Hex color 825C84 looks on a white background.

## Color Contrast Check

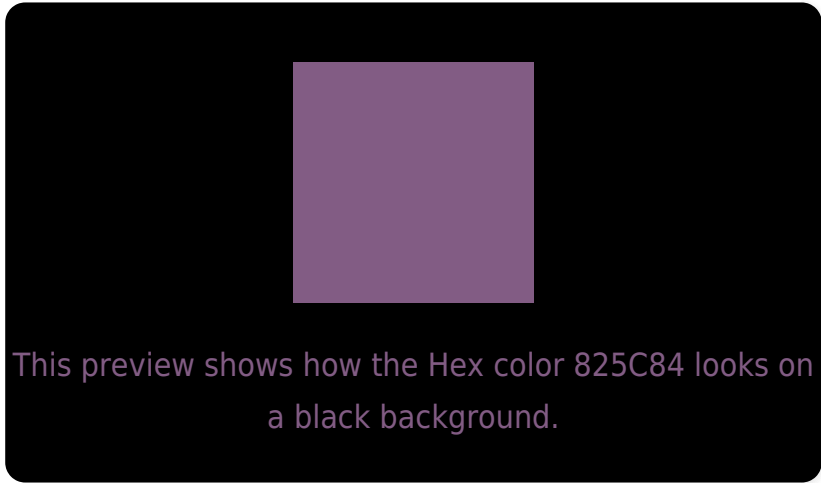
Large Text (above 18pt) WCAG AA ✓ Pass

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

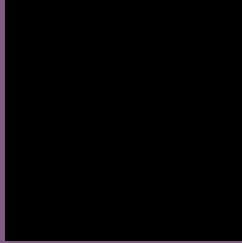
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 825C84 Background



This preview shows how black text looks on a background with the Hex color 825C84.



This preview shows how white text looks on a background with the Hex color 825C84.

# 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**  
7E6169

# Trichromacy



**Original Color**  
825C84

**Protanomaly**  
6C648A

**Deuteranomaly**  
716383

**Tritanomaly**  
7F5F73

# Monochromacy



**Original Color**  
825C84

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
746675

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 825C84 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 #825C84 looks like.

```
.text, #text, p{  
    color:#825C84  
}
```

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 #825C84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #825C84
}
```

## Border

The CSS property to change the border of an element to Hex 825C84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

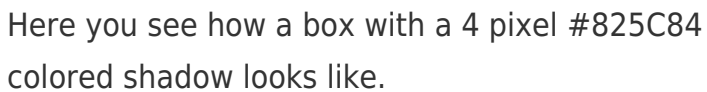
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#825C84 }
```

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

```
.border{ border-color:#825C84 }
```

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



Here you see how a box with a 4 pixel #825C84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #825C84; -webkit-box-shadow:4px 4px  
4px 4px #825C84; box-shadow:4px 4px 4px  
4px #825C84 }
```

# Background

The CSS property to change the background color of an element to Hex 825C84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#825C84 }
```

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

```
.background{ background-color:#825C84 }
```

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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