

Converting Colors

Hex(825CB1)

Have a look what the booklet for
Hex(825CB1) contains.

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Color

Hex(825CB1)

Conversions

Conversions Part 1

Format	Color
Hex	825CB1
RGB	130, 92, 177
RGB Percent	51%, 36%, 69%
CMY	0.4902, 0.6392, 0.3059
CMYK	0.27, 0.48, 0.00, 0.31
HSL	267°, 35%, 53%
HSV	267°, 48%, 69%
XYZ	20.9689, 15.5744, 43.4960
YIQ	113.0520, -4.6370, 34.4910

Conversions

Conversions Part 2

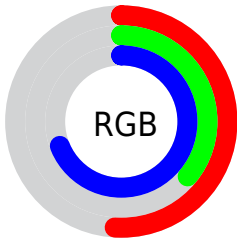
Format	Color
R _Y B	130, 92, 177
Decimal	8543409
CIE Lab	46.41, 33.11, -39.69
CIE LCh	46, 51.687, 309.833
Yxy	15.5744, 0.2620, 0.1946
Android (android.graphics.Color)	4286733489 (0xFF825CB1)
YUV	113.0520, 31.5264, 14.8634
Hunter-Lab	39.4645, 25.7806, -37.7216

Details

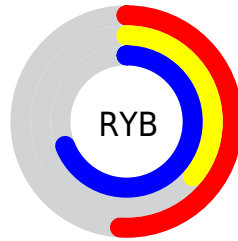
The Hex color **825CB1** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **8BB15C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B98FE9**, and **4E2C7C** is the 20% darker color. If you saturate the color by 10%, you get **784AB1**, and if you desaturate by 10%, it is **8C6EB1**.

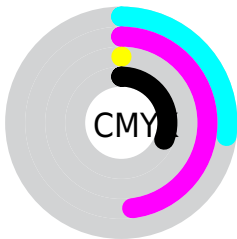
Distribution



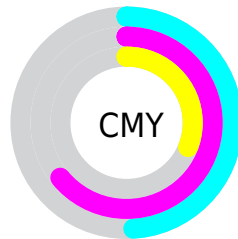
- Red (51%)
- Green (36%)
- Blue (69%)



- Red (51%)
- Yellow (36%)
- Blue (69%)



- Cyan (27%)
- Magenta (48%)
- Yellow (0%)
- Black (31%)



- Cyan (49%)
- Magenta (64%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 825CB1 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 825CB1 by changing the saturation by 10% instead.

825CB1

825CB1

FFFFFF

684496

B98FE9

4E2C7C

D5AAFF

341662

F2C5FF

1A004A

FFE2FF

000033

FFFEFF

00021D

000000

825CB1

825CB1

784AB1

8C6EB1

6E39B1

967FB1

6527B1

9F91B1

5B15B1

A9A3B1

5103B1

B3B5B1

4F00B1

BDC6B1

C7D8B1

D0EAB1

DAFBB1

Harmonies

Analogous

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



256EC4



825CB1



AD498D

Triad

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



825CB1



9B6116



00827B

Complementary

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



825CB1



8BB15C

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.



00804E



825CB1



767006

Square

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



825CB1



B44F38



477B25



0081A5

Rectangle

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



825CB1



BA4370



477B25



00826C

Sweetspot

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



825CB1



D4C5E6



5C8CB1



685F73



F2F2F2



737373

Same Dimension

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



825CB1



9C60E6



AB5CB1



545059



440099



0B001A

Inverse Universe

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



B15C8B



E660AA



62B15C



595055



990055



1A000E

Previews

White Background



This preview shows how the Hex color 825CB1 looks on a white background.

Color Contrast Check

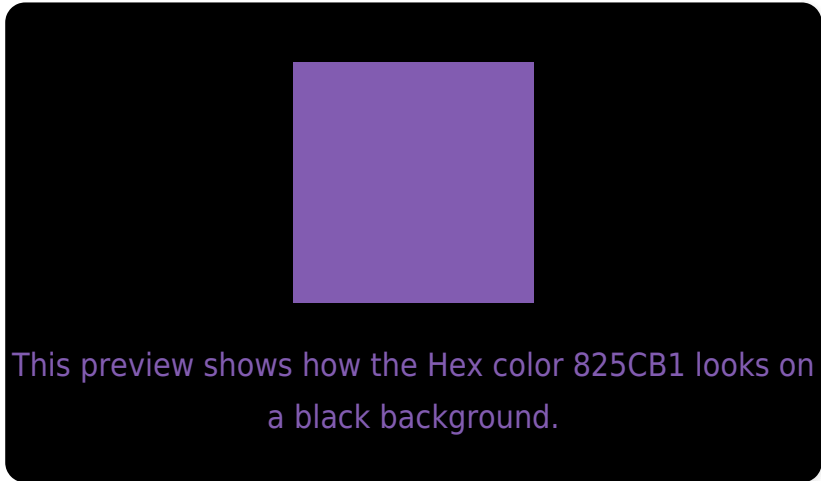
Large Text (above 18pt) WCAG AA ✓ Pass

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

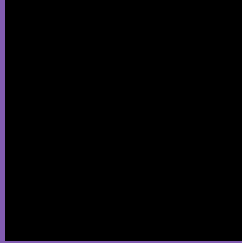
Any Text WCAG AA × Fail

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 825CB1 Background



This preview shows how black text looks on a background with the Hex color 825CB1.

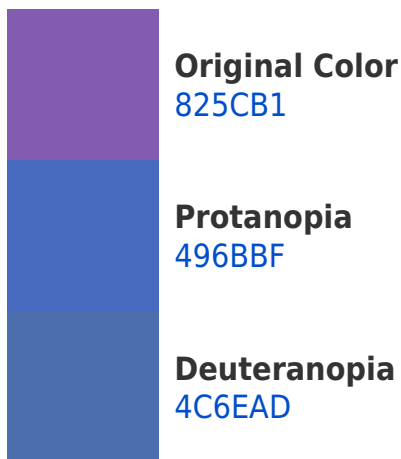



This preview shows how white text looks on a background with the Hex color 825CB1.

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](#).

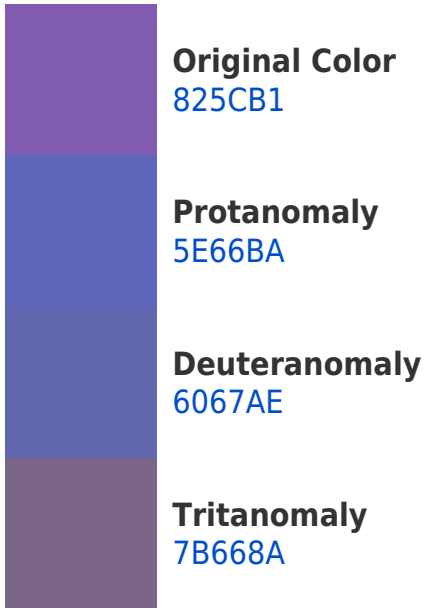
Dichromacy



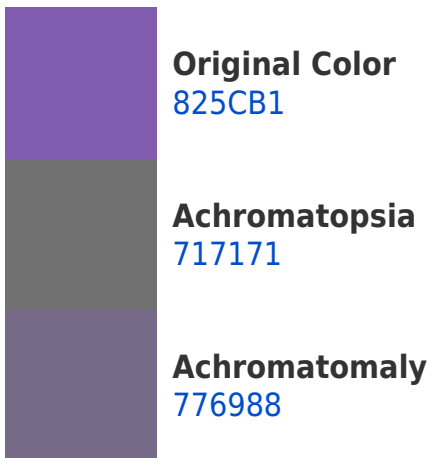


Tritanopia
776B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 825CB1 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 #825CB1 looks like.

```
.text, #text, p{  
    color:#825CB1  
}
```

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 #825CB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #825CB1
}
```

Border

The CSS property to change the border of an element to Hex 825CB1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

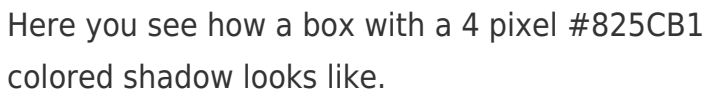
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#825CB1 }
```

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

```
.border{ border-color:#825CB1 }
```

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



Here you see how a box with a 4 pixel #825CB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #825CB1; -webkit-box-shadow:4px 4px  
4px 4px #825CB1; box-shadow:4px 4px 4px  
4px #825CB1 }
```

Background

The CSS property to change the background color of an element to Hex 825CB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#825CB1 }
```

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

```
.background{ background-color:#825CB1 }
```

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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