

# Converting Colors

Hex(825EBB)

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

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# Color

**Hex(825EBB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	825EBB
RGB	130, 94, 187
RGB Percent	51%, 37%, 73%
CMY	0.4902, 0.6314, 0.2667
CMYK	0.30, 0.50, 0.00, 0.27
HSL	263°, 41%, 55%
HSV	263°, 50%, 73%
XYZ	22.1783, 16.3391, 48.9985
YIQ	115.3660, -8.3970, 36.5550

# Conversions

## Conversions Part 2

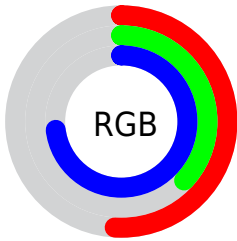
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	130, 94, 187
Decimal	8543931
CIE Lab	47.42, 34.48, -43.92
CIE LCh	47, 55.839, 308.128
Yxy	16.3391, 0.2534, 0.1867
Android (android.graphics.Color)	4286734011 (0xFF825EBB)
YUV	115.3660, 35.3156, 12.8340
Hunter-Lab	40.4216, 27.2003, -43.5754

# Details

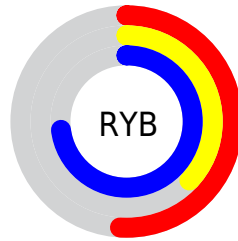
The Hex color **825EBB** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **97BB5E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B991F4**, and **4D2E85** is the 20% darker color. If you saturate the color by 10%, you get **774BBB**, and if you desaturate by 10%, it is **8D71BB**.

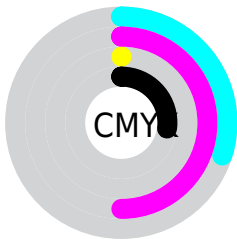
# Distribution



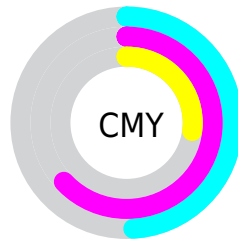
- Red (51%)
- Green (37%)
- Blue (73%)



- Red (51%)
- Yellow (37%)
- Blue (73%)



- Cyan (30%)
- Magenta (50%)
- Yellow (0%)
- Black (27%)



- Cyan (49%)
- Magenta (63%)
- Yellow (27%)

# Brightness & Saturation Gradients

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



■ 825EBB

■ 825EBB

FFFFFF

■ 6746A0

■ B991F4

■ 4D2E85

■ D6ACFF

■ 32176B

■ F3C8FF

■ 160253

■ FFE4FF

■ 00003B

■ 000224

■ 00000C

■ 000000

■ 825EBB

■ 825EBB

774BBB

8D71BB

6B39BB

9983BB

6026BB

A496BB

5413BB

B0A9BB

4901BB

BBBBBB

4800BB

C7CEBB

D2E1BB

DEF4BB

E9FFBB

# Harmonies

## Analogous

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



0072CE



825EBB



B24894

# Triad

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



825EBB



A2610F



00867C

# Complementary

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



825EBB



97BB5E

# 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.



00844B



825EBB



7B7200

# Square

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



825EBB



BD4D39



487E1E



0085AA

# Rectangle

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



825EBB



C14075



487E1E



00866C



# Sweetspot

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



825EBB



DCCEF2



5E97BB



6D647A



FAFAFA



7A7A7A



# Same Dimension

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



825EBB



9961F2



B05EBB



59555E



3D009E



0C001F



# Inverse Universe

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



BB5E97



F261BA



69BB5E



5E555B



9E0061

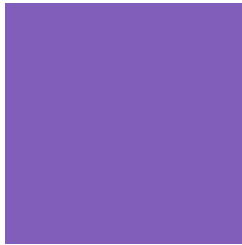


1F0013



# Previews

## White Background



This preview shows how the Hex color 825EBB 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

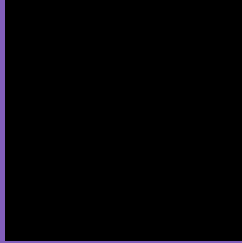
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 825EBB Background



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

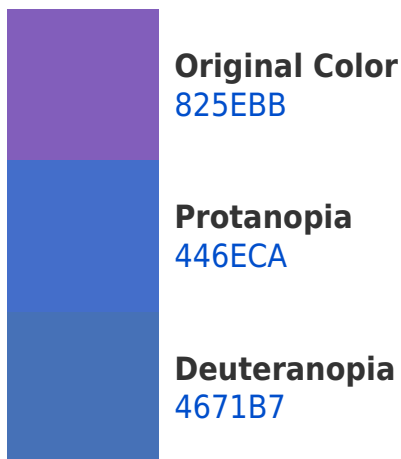


This preview shows how white text looks on a background with the Hex color 825EBB.

# 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**  
756E77

# Trichromacy



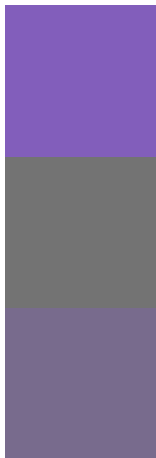
**Original Color**  
825EBB

**Protanomaly**  
5B68C5

**Deuteranomaly**  
5C6AB8

**Tritanomaly**  
7A6890

# Monochromacy



**Original Color**  
825EBB

**Achromatopsia**  
737373

**Achromatomaly**  
786B8D

# CSS Examples

## Text

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

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

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 #825EBB colored shadow looks like.

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

## Border

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

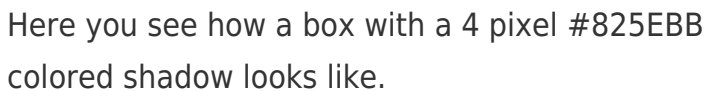
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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