

# Converting Colors

Hex(D855BC)

Have a look what the booklet for  
Hex(D855BC) contains.

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**Color**

**Hex(D855BC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D855BC
RGB	216, 85, 188
RGB Percent	85%, 33%, 74%
CMY	0.1529, 0.6667, 0.2627
CMYK	0.00, 0.61, 0.13, 0.15
HSL	313°, 63%, 59%
HSV	313°, 61%, 85%
XYZ	40.6445, 24.7268, 50.2075
YIQ	135.9110, 45.0130, 59.8050

# Conversions

## Conversions Part 2

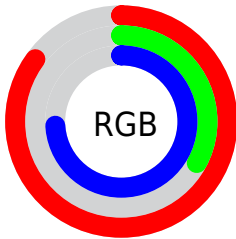
Format	Color
R <sub>YB</sub>	216, 85, 188
Decimal	14177724
CIE <sub>Lab</sub>	56.81, 62.87, -28.98
CIE <sub>LCh</sub>	57, 69.226, 335.250
Yxy	24.7268, 0.3517, 0.2139
Android (android.graphics.Color)	4292367804 (0xFFD855BC)
YUV	135.9110, 25.6799, 70.2381
Hunter-Lab	49.7260, 58.8798, -25.0559

# Details

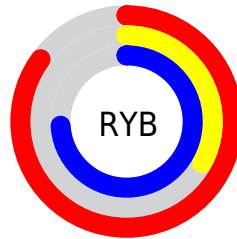
The Hex color **D855BC** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **55D871**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF8DF4**, and **9E1286** is the 20% darker color. If you saturate the color by 10%, you get **D83FB7**, and if you desaturate by 10%, it is **D86BC1**.

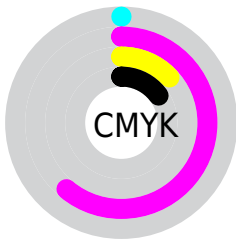
# Distribution



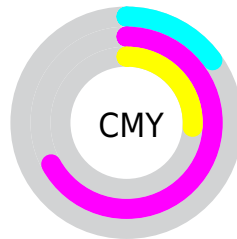
- Red (85%)
- Green (33%)
- Blue (74%)



- Red (85%)
- Yellow (33%)
- Blue (74%)



- Cyan (0%)
- Magenta (61%)
- Yellow (13%)
- Black (15%)



- Cyan (15%)
- Magenta (67%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D855BC 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 D855BC by changing the saturation by 10% instead.



 D855BC

 D855BC

FFFFFF

 BB37A1

 FF8DF4

 9E1286

 FFAAFF

 82006D

 FFC7FF

 660054

 FFE4FF

 4B003D

 320027

 08000F

 000000

 D855BC

 D855BC

 D83FB7

 D86BC1

 D82AB3

 D880C5

 D814AE

 D896CA

 D800AA

 D8ABCE

 D8C1D3

 D8D7D8

 D8ECDC

 D8FFE1

 D8FFE6

# Harmonies

## Analogous

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



9573EC



D855BC



F24580

# Triad

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



D855BC



9A8900



00A3CD

# Complementary

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



D855BC



55D871

# 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.



00A392



D855BC



5B9811

# Square

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



D855BC



CB7207



00A053



009CF6

# Rectangle

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



D855BC



F04E59



00A053



00A3BA



# Sweetspot

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



D855BC



FFD1F5



6F55D8



80637A



000000



808080



# Same Dimension

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



D855BC



FF45D7



D8557C



6B6069



AB0086



2B0022



# Inverse Universe

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



D855BC



FF45D7



55D8B1



6B6069



AB0086

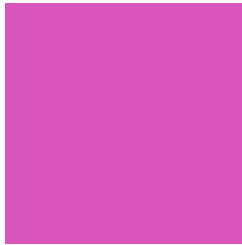


2B0022



# Previews

## White Background



This preview shows how the Hex color D855BC looks on a white background.

## Color Contrast Check

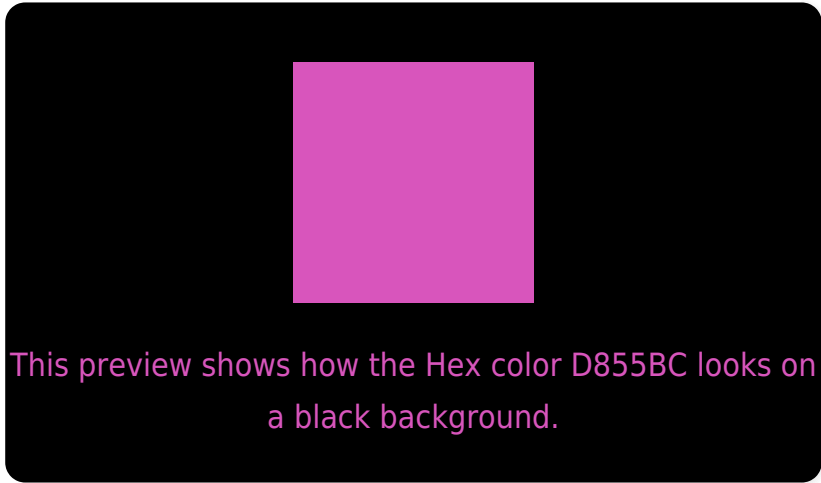
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex D855BC Background



This preview shows how black text looks on a background with the Hex color D855BC.

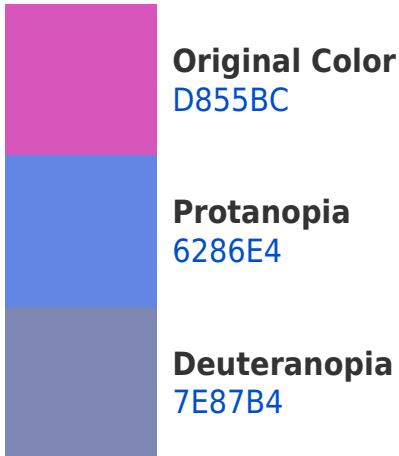


This preview shows how white text looks on a background with the Hex color D855BC.

# 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](#).

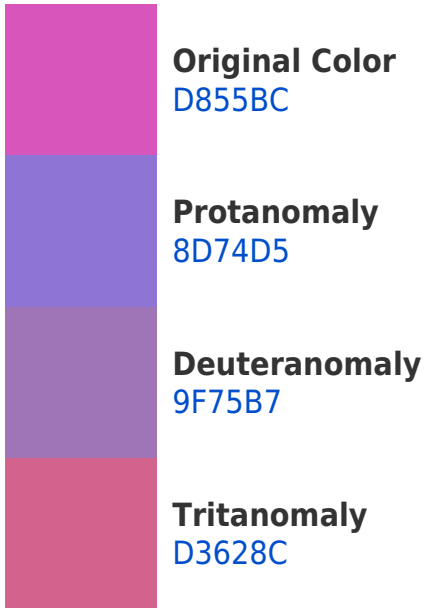
## Dichromacy





**Tritanopia**  
D06970

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D855BC 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 #D855BC looks like.

```
.text, #text, p{  
    color:#D855BC  
}
```

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 #D855BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D855BC
}
```

## Border

The CSS property to change the border of an element to Hex D855BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

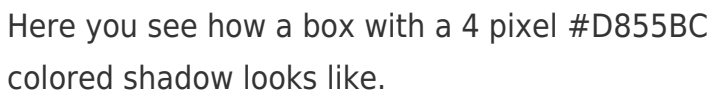
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D855BC }
```

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

```
.border{ border-color:#D855BC }
```

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



Here you see how a box with a 4 pixel #D855BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D855BC; -webkit-box-shadow:4px 4px  
4px 4px #D855BC; box-shadow:4px 4px 4px  
4px #D855BC }
```

# Background

The CSS property to change the background color of an element to Hex D855BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D855BC }
```

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

```
.background{ background-color:#D855BC }
```

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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