

# Converting Colors

Hex(D884BA)

Have a look what the booklet for  
Hex(D884BA) contains.

<b>Hex(D884BA)</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(D884BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D884BA
RGB	216, 132, 186
RGB Percent	85%, 52%, 73%
CMY	0.1529, 0.4824, 0.2706
CMYK	0.00, 0.39, 0.14, 0.15
HSL	321°, 52%, 68%
HSV	321°, 39%, 85%
XYZ	45.4331, 34.6466, 50.7473
YIQ	163.2720, 32.7300, 34.6020

# Conversions

## Conversions Part 2

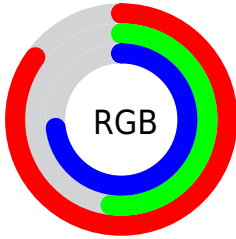
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">216, 132, 186</a>
Decimal	<a href="#">14189754</a>
CIELab	<a href="#">65.47, 39.77, -14.60</a>
CIELCh	<a href="#">65, 42.363, 339.847</a>
Yxy	<a href="#">34.6466, 0.3473, 0.2648</a>
Android (android.graphics.Color)	<a href="#">4292379834</a> ( <a href="#">0xFFD884BA</a> )
YUV	<a href="#">163.2720, 11.2049, 46.2425</a>
Hunter-Lab	<a href="#">58.8614, 34.7706, -9.9138</a>

# Details

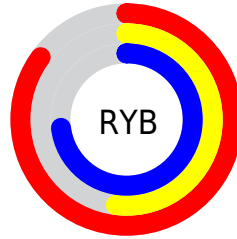
The Hex color **D884BA** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84D8A2**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFBAF2**, and **A05085** is the 20% darker color. If you saturate the color by 10%, you get **D86EB2**, and if you desaturate by 10%, it is **D89AC2**.

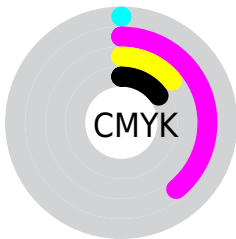
# Distribution



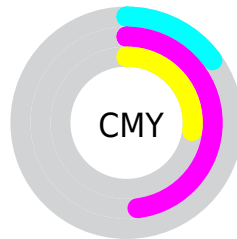
- Red (85%)
- Green (52%)
- Blue (73%)



- Red (85%)
- Yellow (52%)
- Blue (73%)



- Cyan (0%)
- Magenta (39%)
- Yellow (14%)
- Black (15%)



- Cyan (15%)
- Magenta (48%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D884BA 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 D884BA by changing the saturation by 10% instead.



 D884BA

 D884BA

FFFFFF

 BB6A9F

 FFBAF2

 A05085

 FFD7FF

 84376C

 FFF3FF

 6A1D53

 50003C

 370026

 1F0010

 000000

 D884BA

 D884BA

 D86EB2

 D89AC2

 D859AB

 D8AFC9

 D843A3

 D8C5D1

 D82E9B

 D8DAD9

 D81893

 D8F0E1

 D8028C

 D8FFE8

 D8008B

 D8FFF0

 D8FFF8

 D8FFFF

# Harmonies

## Analogous

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



B390D9



D884BA



E78094

# Triad

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



D884BA



AAA152



00B1CE

# Complementary

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



D884BA



84D8A2

# 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.



00B3AB



D884BA



81AB63

# Square

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



D884BA



CC9458



4EB184



19AAE6

# Rectangle

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



D884BA



E6847B



4EB184



00B2C4



# Sweetspot

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



D884BA



FFE0F4



A184D8



806E79



000000



808080



# Same Dimension

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



D884BA



FF87D4



D88491



6B6067



AB006E



2B001C



# Inverse Universe

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



D884BA



FF87D4



84D8CB



6B6067



AB006E



2B001C



# Previews

## White Background



This preview shows how the Hex color D884BA looks on a white background.

## Color Contrast Check

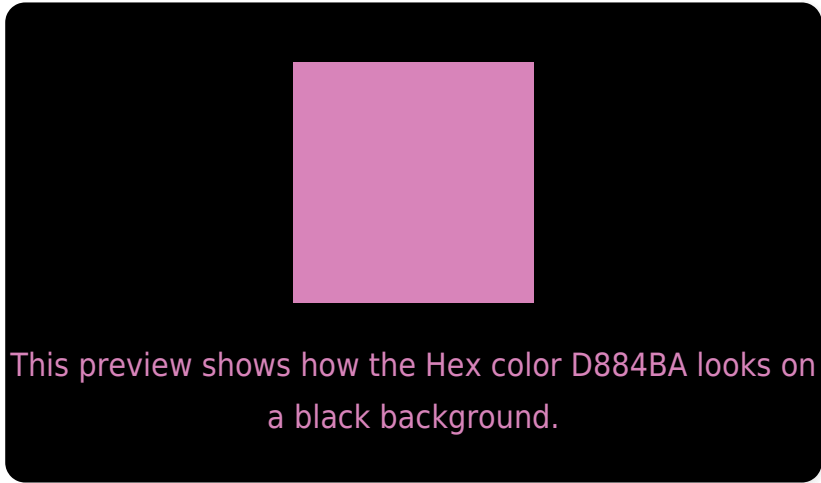
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex D884BA Background



This preview shows how black text looks on a background with the Hex color D884BA.

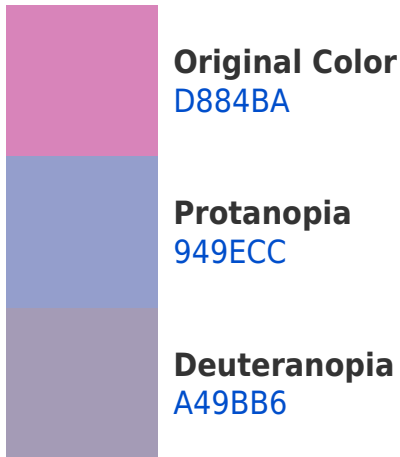


This preview shows how white text looks on a background with the Hex color D884BA.

# 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**  
D48B96

# Trichromacy



**Original Color**  
D884BA



**Protanomaly**  
AD95C5



**Deuteranomaly**  
B793B7

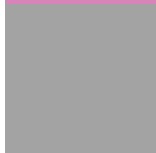


**Tritanomaly**  
D588A3

# Monochromacy



**Original Color**  
D884BA



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
B698AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D884BA 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 #D884BA looks like.

```
.text, #text, p{  
    color:#D884BA  
}
```

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 #D884BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D884BA
}
```

## Border

The CSS property to change the border of an element to Hex D884BA 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
#D884BA }
```

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

```
.border{ border-color:#D884BA }
```

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

Here you see how a box with a 4 pixel #D884BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D884BA; -webkit-box-shadow:4px 4px  
4px 4px #D884BA; box-shadow:4px 4px 4px  
4px #D884BA }
```

# Background

The CSS property to change the background color of an element to Hex D884BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D884BA }
```

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

```
.background{ background-color:#D884BA }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor