

# Converting Colors

Hex(D084BB)

Have a look what the booklet for  
Hex(D084BB) contains.

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# **Color**

**Hex(D084BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D084BB
RGB	208, 132, 187
RGB Percent	82%, 52%, 73%
CMY	0.1843, 0.4824, 0.2667
CMYK	0.00, 0.37, 0.10, 0.18
HSL	317°, 45%, 67%
HSV	317°, 37%, 82%
XYZ	43.2333, 33.5003, 51.2013
YIQ	160.9940, 27.6410, 33.2170

# Conversions

## Conversions Part 2

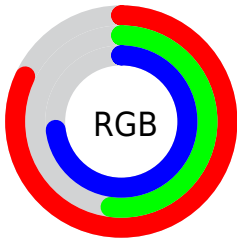
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 132, 187
Decimal	13665467
CIE Lab	64.56, 37.27, -16.62
CIE LCh	65, 40.810, 335.963
Yxy	33.5003, 0.3379, 0.2619
Android (android.graphics.Color)	4291855547 (0xFFD084BB)
YUV	160.9940, 12.8210, 41.2243
Hunter-Lab	57.8794, 32.0425, -11.9335

# Details

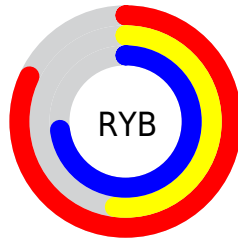
The Hex color **D084BB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **84D099**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFBAF3**, and **985186** is the 20% darker color. If you saturate the color by 10%, you get **D06FB5**, and if you desaturate by 10%, it is **D099C1**.

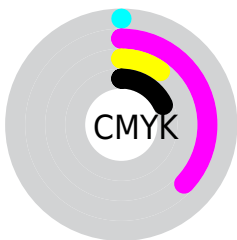
# Distribution



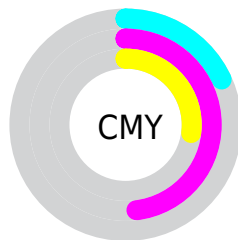
- Red (82%)
- Green (52%)
- Blue (73%)



- Red (82%)
- Yellow (52%)
- Blue (73%)



- Cyan (0%)
- Magenta (37%)
- Yellow (10%)
- Black (18%)



- Cyan (18%)
- Magenta (48%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D084BB 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 D084BB by changing the saturation by 10% instead.



 D084BB

 D084BB

FFFFFF

 B46AA0

 FFBAF3

 985186

 FFD6FF

 7D386C

 FFF3FF

 631F54

 4A023D

 320027

 170011

 000000

 D084BB

 D084BB

 D06FB5

 D099C1

 D05AB0

 D0AEC6

 D046AA

 D0C2CC

 D031A4

 D0D7D2

 D01C9E

 D0ECD8

 D00799

 D0FFDD

 D00097

 D0FFE3

 D0FFE9

 D0FFE7

# Harmonies

## Analogous

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



AA90D8



D084BB



E27F97

# Triad

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



D084BB



AC9D53



00AEC6

# Complementary

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



D084BB



84D099

# 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.



00B0A3



D084BB



86A760

# Square

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



D084BB



CC905A



57AD7E



0FA8DE

# Rectangle

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



D084BB



E2827F



57AD7E



00AFBB



# Sweetspot

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



D084BB



FFE3F7



9884D0



806F7B



000000



808080



# Same Dimension

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



D084BB



FF8FE0



D08496



695E66



A8007A



29001E



# Inverse Universe

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



D084BB



FF8FE0



84D0BE



695E66



A8007A

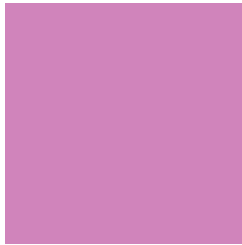


29001E



# Previews

## White Background



This preview shows how the Hex color D084BB looks on a white background.

## Color Contrast Check

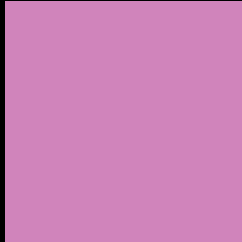
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D084BB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

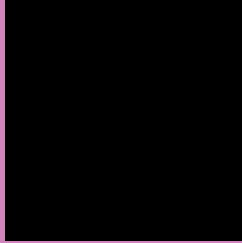
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D084BB Background



This preview shows how black text looks on a background with the Hex color D084BB.

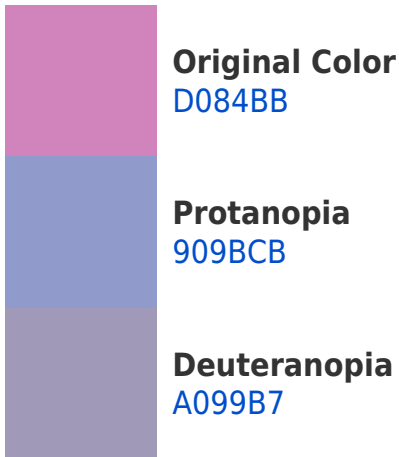


This preview shows how white text looks on a background with the Hex color D084BB.

# 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](#).

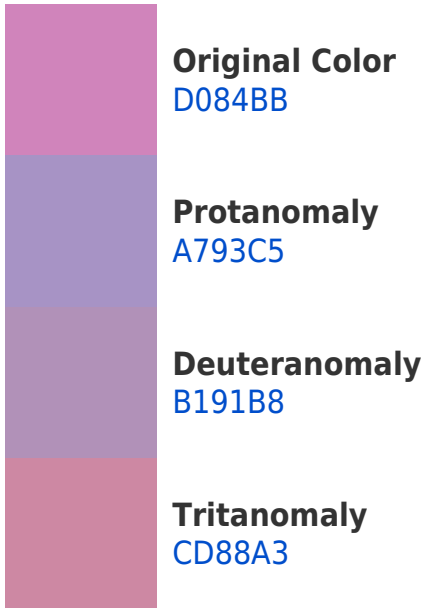
## Dichromacy



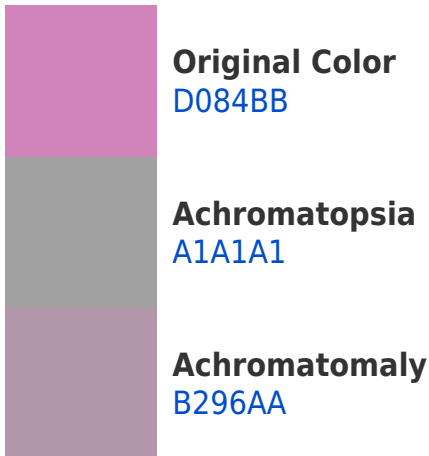


**Tritanopia**  
CC8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D084BB 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 #D084BB looks like.

```
.text, #text, p{  
    color:#D084BB  
}
```

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 #D084BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D084BB  
}
```

## Border

The CSS property to change the border of an element to Hex D084BB 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  
#D084BB }
```

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

```
.border{ border-color:#D084BB }
```

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

Here you see how a box with a 4 pixel #D084BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D084BB; -webkit-box-shadow:4px 4px  
4px 4px #D084BB; box-shadow:4px 4px 4px  
4px #D084BB }
```

# Background

The CSS property to change the background color of an element to Hex D084BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D084BB }
```

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

```
.background{ background-color:#D084BB }
```

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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