

# Converting Colors

Hex(D88BB4)

Have a look what the booklet for  
Hex(D88BB4) contains.

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# **Color**

**Hex(D88BB4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D88BB4
RGB	216, 139, 180
RGB Percent	85%, 55%, 71%
CMY	0.1529, 0.4549, 0.2941
CMYK	0.00, 0.36, 0.17, 0.15
HSL	328°, 50%, 70%
HSV	328°, 36%, 85%
XYZ	45.7897, 36.3595, 47.7847
YIQ	166.6970, 32.7310, 29.0750

# Conversions

## Conversions Part 2

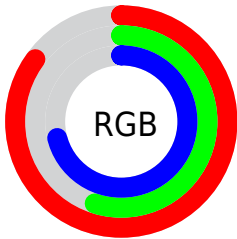
Format	Color
R <sub>Y</sub> B	216, 139, 180
Decimal	14191540
CIE Lab	66.79, 35.10, -9.24
CIE LCh	67, 36.291, 345.251
Yxy	36.3595, 0.3524, 0.2798
Android (android.graphics.Color)	4292381620 (0xFFD88BB4)
YUV	166.6970, 6.5584, 43.2387
Hunter-Lab	60.2988, 30.0265, -4.7761

# Details

The Hex color **D88BB4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8BD8AF**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFC2EC**, and **A0577F** is the 20% darker color. If you saturate the color by 10%, you get **D875AA**, and if you desaturate by 10%, it is **D8A1BE**.

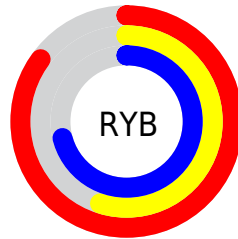
# Distribution



Red (85%)

Green (55%)

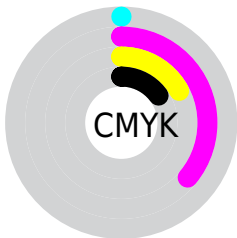
Blue (71%)



Red (85%)

Yellow (55%)

Blue (71%)

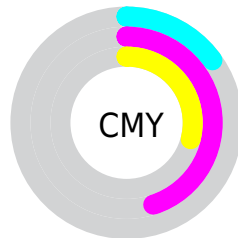


Cyan (0%)

Magenta (36%)

Yellow (17%)

Black (15%)



Cyan (15%)

Magenta (45%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D88BB4 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 D88BB4 by changing the saturation by 10% instead.



 D88BB4

 D88BB4

FFFFFF

 BC7199

 FFC2EC

 A0577F

 FFDEFF

 853F66

 FFFBFF

 6A264E

 510C37

 380022

 21000A

 000000

 D88BB4

 D88BB4

 D875AA

 D8A1BE

 D860A0

 D8B6C8

 D84A96

 D8CCD2

 D8358C

 D8E1DC

 D81F82

 D8F7E6

 D80977

 D8FFF1

 D80073

 D8FFFB

 D8FFFF

# Harmonies

## Analogous

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



BB94D1



D88BB4



E28993

# Triad

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



D88BB4



A7A663



1DB1D0

# Complementary

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



D88BB4



8BD8AF

# 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.



2AB4B3



D88BB4



83AE73

# Square

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



D88BB4



C69B63



59B391



57AAE1

# Rectangle

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



D88BB4



DF8D7E



59B391



14B3C7



# Sweetspot

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



D88BB4



FFE3F2



AF8BD8



806F78



000000



808080



# Same Dimension

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



D88BB4



FF91CC



D88B8E



6B6066



AB005B



2B0017



# Inverse Universe

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



D88BB4



FF91CC



8BD8D5



6B6066



AB005B

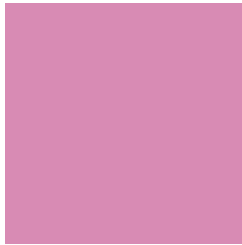


2B0017



# Previews

## White Background



This preview shows how the Hex color D88BB4 looks on a white background.

## Color Contrast Check

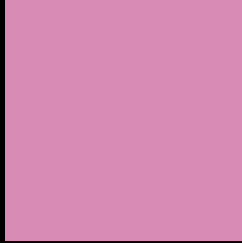
Large Text (above 18pt) WCAG AA × Fail

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 D88BB4 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 D88BB4 Background



This preview shows how black text looks on a background with the Hex color D88BB4.

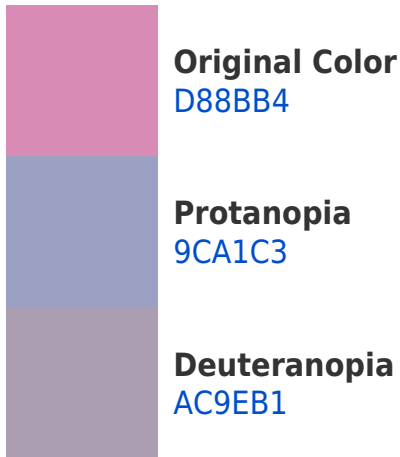


This preview shows how white text looks on a background with the Hex color D88BB4.

# 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**  
D5909B

# Trichromacy



**Original Color**  
D88BB4



**Protanomaly**  
B299BE



**Deuteranomaly**  
BC97B2

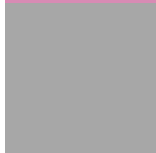


**Tritanomaly**  
D68EA4

# Monochromacy



**Original Color**  
D88BB4



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
B99DAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D88BB4 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 #D88BB4 looks like.

```
.text, #text, p{  
    color:#D88BB4  
}
```

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 #D88BB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D88BB4
}
```

## Border

The CSS property to change the border of an element to Hex D88BB4 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
#D88BB4 }
```

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

```
.border{ border-color:#D88BB4 }
```

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

Here you see how a box with a 4 pixel #D88BB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D88BB4; -webkit-box-shadow:4px 4px  
4px 4px #D88BB4; box-shadow:4px 4px 4px  
4px #D88BB4 }
```

# Background

The CSS property to change the background color of an element to Hex D88BB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D88BB4 }
```

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

```
.background{ background-color:#D88BB4 }
```

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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