

# Converting Colors

Hex(DA88C8)

Have a look what the booklet for  
Hex(DA88C8) contains.

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# **Color**

**Hex(DA88C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DA88C8
RGB	218, 136, 200
RGB Percent	85%, 53%, 78%
CMY	0.1451, 0.4667, 0.2157
CMYK	0.00, 0.38, 0.08, 0.15
HSL	313°, 53%, 69%
HSV	313°, 38%, 85%
XYZ	48.1429, 36.6839, 59.1869
YIQ	167.8140, 28.3280, 37.2880

# Conversions

## Conversions Part 2

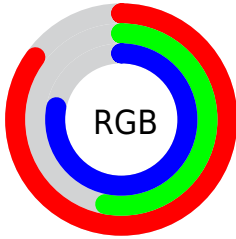
Format	Color
R <sub>YB</sub>	218, 136, 200
Decimal	14321864
CIE Lab	67.04, 40.64, -20.05
CIE LCh	67, 45.318, 333.736
Yxy	36.6839, 0.3343, 0.2547
Android (android.graphics.Color)	4292511944 (0xFFDA88C8)
YUV	167.8140, 15.8677, 44.0131
Hunter-Lab	60.5672, 35.8913, -15.5417

# Details

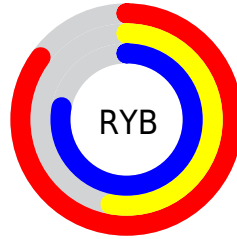
The Hex color **DA88C8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **88DA9A**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFBFFF**, and **A25492** is the 20% darker color. If you saturate the color by 10%, you get **DA72C3**, and if you desaturate by 10%, it is **DA9ECD**.

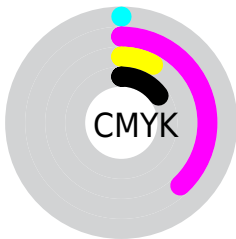
# Distribution



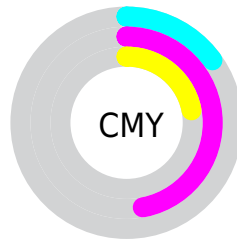
- Red (85%)
- Green (53%)
- Blue (78%)



- Red (85%)
- Yellow (53%)
- Blue (78%)



- Cyan (0%)
- Magenta (38%)
- Yellow (8%)
- Black (15%)



- Cyan (15%)
- Magenta (47%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA88C8 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 DA88C8 by changing the saturation by 10% instead.



 DA88C8

 DA88C8

FFFFFF

 BD6EAD

 FFBFFF

 A25492

 FFDBFF

 863B78

 FFF8FF

 6C215F

 520247

 390031

 23001C

 000000

 DA88C8

 DA88C8

■ DA72C3

■ DA9ECD

■ DA5CBE

■ DAB4D2

■ DA47BA

■ DAC9D6

■ DA31B5

■ DADFDB

■ DA1BB0

■ DAF5E0

■ DA05AB

■ DAFFE5

■ DA00AA

■ DAFFE9

■ DAFFEE

■ DAFFF3

# Harmonies

## Analogous

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



AD97E7



DA88C8



EF81A0

# Triad

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



DA88C8



B7A350



00B7CF

# Complementary

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



DA88C8



88DA9A

# 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.



00B8A7



DA88C8



8DAE5D

# Square

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



DA88C8



D9945A



58B57E



00B1EC

# Rectangle

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



DA88C8



F08485



58B57E



00B8C3

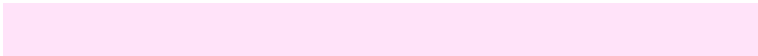


# Sweetspot

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



DA88C8



FFE3F9



9A88DA



806F7C



000000



808080



# Same Dimension

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



DA88C8



FF8CE6



DA889F



6E636B



AD0087



2E0024



# Inverse Universe

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



DA88C8



FF8CE6



88DAC3



6E636B



AD0087

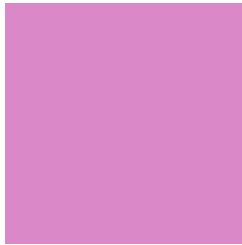


2E0024



# Previews

## White Background



This preview shows how the Hex color DA88C8 looks on a white background.

## Color Contrast Check

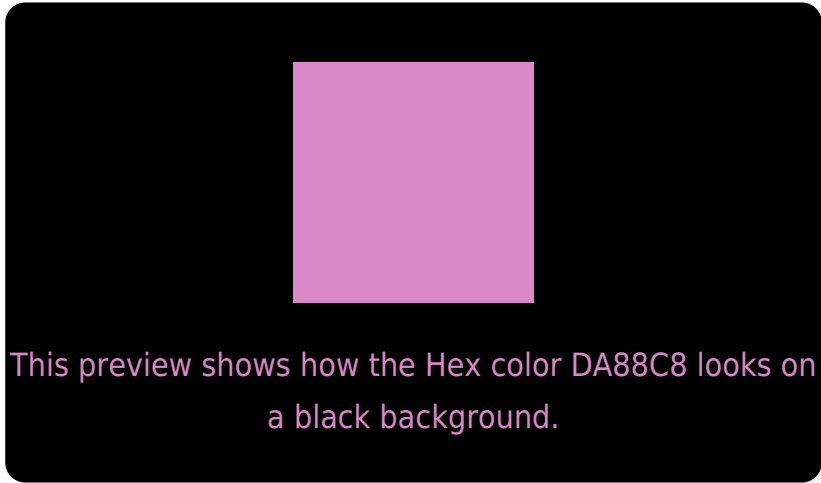
Large Text (above 18pt) WCAG AA × Fail

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

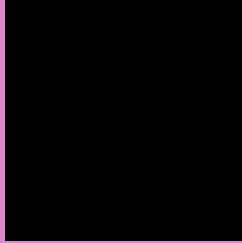
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DA88C8 Background



This preview shows how black text looks on a background with the Hex color DA88C8.

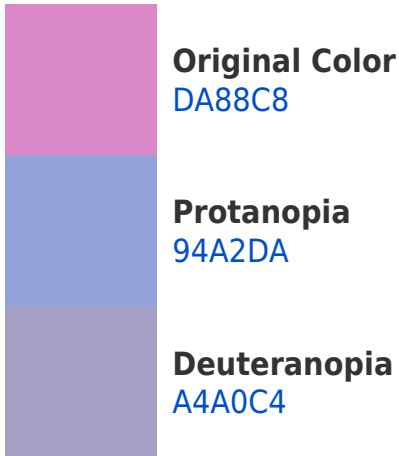



This preview shows how white text looks on a background with the Hex color DA88C8.

# 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**  
D5919C

# Trichromacy



**Original Color**  
DA88C8



**Protanomaly**  
AD99D3



**Deuteranomaly**  
B897C5

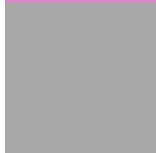


**Tritanomaly**  
D78EAC

# Monochromacy



**Original Color**  
DA88C8



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
BA9CB4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA88C8 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 #DA88C8 looks like.

```
.text, #text, p{  
    color:#DA88C8  
}
```

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 #DA88C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA88C8
}
```

## Border

The CSS property to change the border of an element to Hex DA88C8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

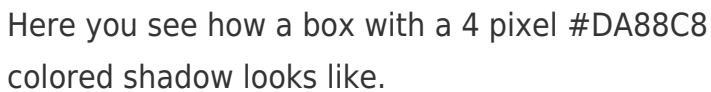
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DA88C8 }
```

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

```
.border{ border-color:#DA88C8 }
```

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



Here you see how a box with a 4 pixel `#DA88C8` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA88C8; -webkit-box-shadow:4px 4px  
4px 4px #DA88C8; box-shadow:4px 4px 4px  
4px #DA88C8 }
```

# Background

The CSS property to change the background color of an element to Hex DA88C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA88C8 }
```

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

```
.background{ background-color:#DA88C8 }
```

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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