

# Converting Colors

Hex(D088A6)

Have a look what the booklet for  
Hex(D088A6) contains.

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# **Color**

**Hex(D088A6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D088A6
RGB	208, 136, 166
RGB Percent	82%, 53%, 65%
CMY	0.1843, 0.4667, 0.3490
CMYK	0.00, 0.35, 0.20, 0.18
HSL	335°, 43%, 67%
HSV	335°, 35%, 82%
XYZ	41.6995, 33.7714, 40.3971
YIQ	160.9480, 33.2820, 24.5940

# Conversions

## Conversions Part 2

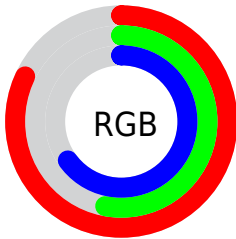
Format	Color
R <sub>YB</sub>	208, 136, 166
Decimal	13666470
CIE Lab	64.78, 31.73, -4.44
CIE LCh	65, 32.043, 352.044
Yxy	33.7714, 0.3599, 0.2915
Android (android.graphics.Color)	4291856550 (0xFFD088A6)
YUV	160.9480, 2.4906, 41.2646
Hunter-Lab	58.1132, 26.3860, -0.5360

# Details

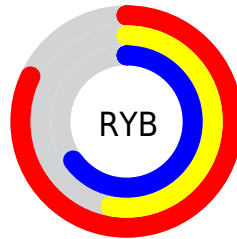
The Hex color **D088A6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **88D0B2**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFBEDD**, and **985572** is the 20% darker color. If you saturate the color by 10%, you get **D0739A**, and if you desaturate by 10%, it is **D09DB2**.

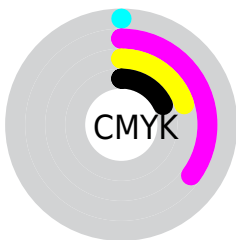
# Distribution



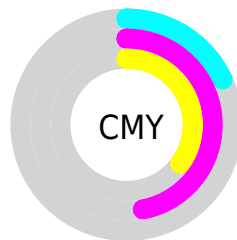
- Red (82%)
- Green (53%)
- Blue (65%)



- Red (82%)
- Yellow (53%)
- Blue (65%)



- Cyan (0%)
- Magenta (35%)
- Yellow (20%)
- Black (18%)



- Cyan (18%)
- Magenta (47%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D088A6 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 D088A6 by changing the saturation by 10% instead.



 D088A6

 D088A6

FFFFFF

 B46E8C

 FFBEDD

 985572

 FFDAFA

 7D3C5A

 FFF7FF

 632442

 4A0B2C

 320018

 150000

 000000

 D088A6

 D088A6

 D0739A

 D09DB2

 D05E8E

 D0B2BE

 D04A82

 D0C6CA

 D03575

 D0DBD7

 D02069

 D0F0E3

 D00B5D

 D0FFEF

 D00057

 D0FFFB

 D0FFFF

# Harmonies

## Analogous

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



BA8EC1



D088A6



D68889

# Triad

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



D088A6



9BA267



40A9C9

# Complementary

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



D088A6



88D0B2

# 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.



3AACB2



D088A6



7AA979

# Square

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



D088A6



B89964



57AC94



69A2D5

# Rectangle

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



D088A6



D18C78



57AC94



38ABC3



# Sweetspot

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



D088A6



FFE6F0



B288D0



807077



000000



808080



# Same Dimension

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



D088A6



FF94C1



D08E88



695E62



A80046



290011



# Inverse Universe

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



D088A6



FF94C1



88CAD0



695E62



A80046



290011



# Previews

## White Background



This preview shows how the Hex color D088A6 looks on a white background.

## Color Contrast Check

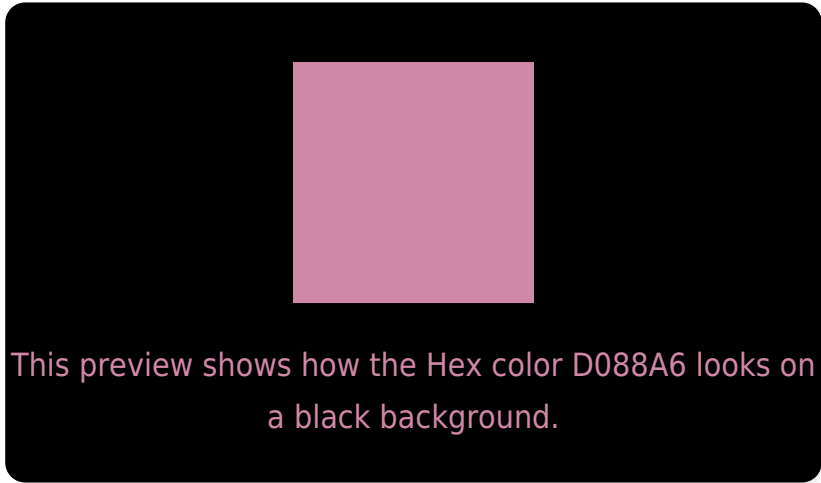
Large Text (above 18pt) WCAG AA × Fail

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

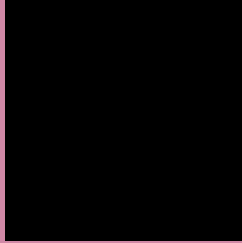
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D088A6 Background



This preview shows how black text looks on a background with the Hex color D088A6.

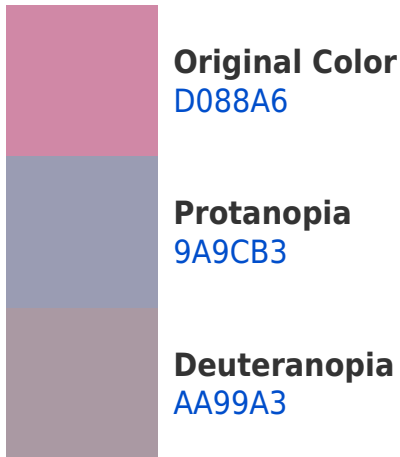


This preview shows how white text looks on a background with the Hex color D088A6.

# 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**  
CE8B95

# Trichromacy



**Original Color**  
D088A6

**Protanomaly**  
AE95AE

**Deuteranomaly**  
B893A4

**Tritanomaly**  
CF8A9B

# Monochromacy



**Original Color**  
D088A6

**Achromatopsia**  
A1A1A1

**Achromatomaly**  
B298A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D088A6 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 #D088A6 looks like.

```
.text, #text, p{  
    color:#D088A6  
}
```

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 #D088A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D088A6
}
```

## Border

The CSS property to change the border of an element to Hex D088A6 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
#D088A6 }
```

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

```
.border{ border-color:#D088A6 }
```

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

Here you see how a box with a 4 pixel #D088A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D088A6; -webkit-box-shadow:4px 4px  
4px 4px #D088A6; box-shadow:4px 4px 4px  
4px #D088A6 }
```

# Background

The CSS property to change the background color of an element to Hex D088A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D088A6 }
```

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

```
.background{ background-color:#D088A6 }
```

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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