

# Converting Colors

Hex(D085A3)

Have a look what the booklet for  
Hex(D085A3) contains.

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**Color**

**Hex(D085A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D085A3
RGB	208, 133, 163
RGB Percent	82%, 52%, 64%
CMY	0.1843, 0.4784, 0.3608
CMYK	0.00, 0.36, 0.22, 0.18
HSL	336°, 44%, 67%
HSV	336°, 36%, 82%
XYZ	41.0108, 32.8293, 38.8255
YIQ	158.8450, 35.0700, 25.2300

# Conversions

## Conversions Part 2

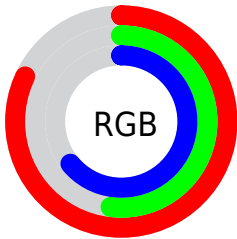
Format	Color
R <sub>Y</sub> B	208, 133, 163
Decimal	13665699
CIE Lab	64.02, 32.90, -3.85
CIE LCh	64, 33.125, 353.319
Yxy	32.8293, 0.3640, 0.2914
Android (android.graphics.Color)	4291855779 (0xFFD085A3)
YUV	158.8450, 2.0484, 43.1089
Hunter-Lab	57.2969, 27.4937, -0.0683

# Details

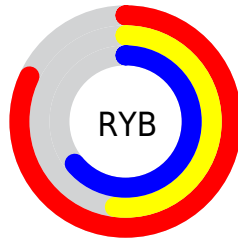
The Hex color **D085A3** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **85D0B2**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFBBDA**, and **98526F** is the 20% darker color. If you saturate the color by 10%, you get **D07097**, and if you desaturate by 10%, it is **D09AAF**.

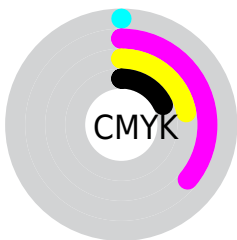
# Distribution



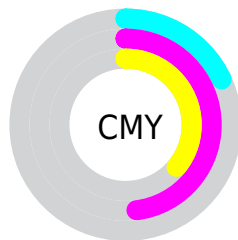
- Red (82%)
- Green (52%)
- Blue (64%)



- Red (82%)
- Yellow (52%)
- Blue (64%)



- Cyan (0%)
- Magenta (36%)
- Yellow (22%)
- Black (18%)



- Cyan (18%)
- Magenta (48%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D085A3 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 D085A3 by changing the saturation by 10% instead.



 D085A3

 D085A3

FFFFFF

 B46B89

 FFBBDA

 98526F

 FFD7F6

 7D3957

 FFF4FF

 632140

 49072A

 310016

 110000

 000000

 D085A3

 D085A3

 D07097

 D09AAF

 D05B8A

 D0AFBC

 D0477E

 D0C3C8

 D03271

 D0D8D5

 D01D65

 D0EDE1

 D00858

 D0FFEE

 D00053

 D0FFFA

 D0FFFF

# Harmonies

## Analogous

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



BA8CBF



D085A3



D58685

# Triad

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



D085A3



97A064



38A7CA

# Complementary

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



D085A3



85D0B2

# 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.



2EABB1



D085A3



75A777

# Square

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



D085A3



B59760



50AB93



67A0D5

# Rectangle

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



D085A3



D08A74



50AB93



2EA9C3



# Sweetspot

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



D085A3



FFE3EE



B285D0



806F76



000000



808080



# Same Dimension

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



D085A3



FF91BD



D08D85



695E62



A80043



290010



# Inverse Universe

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



D085A3



FF91BD



85C8D0



695E62



A80043

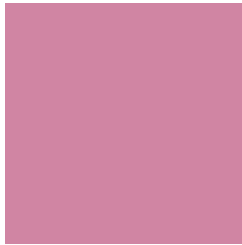


290010



# Previews

## White Background



This preview shows how the Hex color D085A3 looks on a white background.

## Color Contrast Check

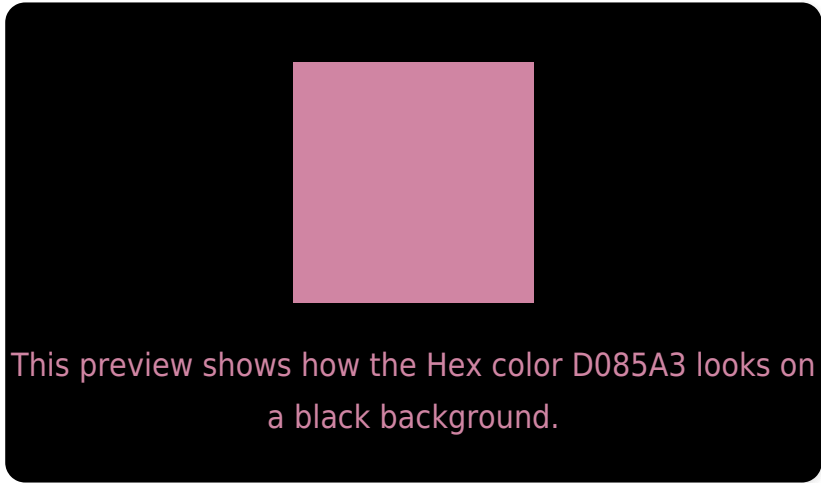
Large Text (above 18pt) WCAG AA × Fail

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 D085A3 Background



This preview shows how black text looks on a background with the Hex color D085A3.

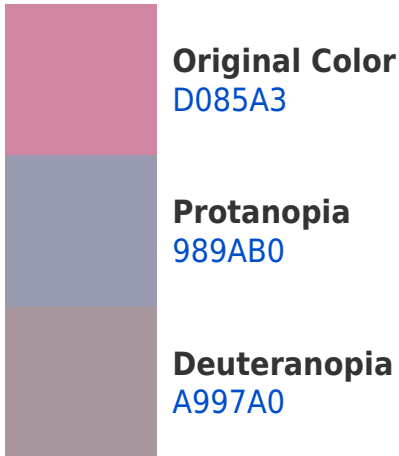


This preview shows how white text looks on a background with the Hex color D085A3.

# 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**  
CE8892

# Trichromacy



**Original Color**  
D085A3



**Protanomaly**  
AC92AB



**Deuteranomaly**  
B790A1

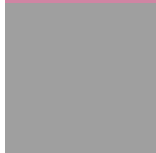


**Tritanomaly**  
CF8798

# Monochromacy



**Original Color**  
D085A3



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
B196A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D085A3 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 #D085A3 looks like.

```
.text, #text, p{  
    color:#D085A3  
}
```

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 #D085A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D085A3
}
```

## Border

The CSS property to change the border of an element to Hex D085A3 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
#D085A3 }
```

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

```
.border{ border-color:#D085A3 }
```

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

Here you see how a box with a 4 pixel #D085A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D085A3; -webkit-box-shadow:4px 4px  
4px 4px #D085A3; box-shadow:4px 4px 4px  
4px #D085A3 }
```

# Background

The CSS property to change the background color of an element to Hex D085A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D085A3 }
```

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

```
.background{ background-color:#D085A3 }
```

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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