

# Converting Colors

Hex(D085D0)

Have a look what the booklet for  
Hex(D085D0) contains.

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# Color

Hex(D085D0)

# Conversions

## Conversions Part 1

Format	Color
Hex	D085D0
RGB	208, 133, 208
RGB Percent	82%, 52%, 82%
CMY	0.1843, 0.4784, 0.1843
CMYK	0.00, 0.36, 0.00, 0.18
HSL	300°, 44%, 67%
HSV	300°, 36%, 82%
XYZ	45.7851, 34.7390, 63.9667
YIQ	163.9750, 20.6250, 39.2250

# Conversions

## Conversions Part 2

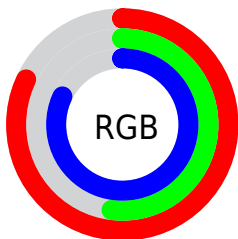
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 133, 208
Decimal	13665744
CIE <sub>Lab</sub>	65.54, 40.46, -26.91
CIE <sub>LCh</sub>	66, 48.595, 326.375
Yxy	34.7390, 0.3169, 0.2404
Android (android.graphics.Color)	4291855824 (0xFFD085D0)
YUV	163.9750, 21.7043, 38.6099
Hunter-Lab	58.9398, 35.5161, -23.0888

# Details

The Hex color **D085D0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **85D085**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFBBFF**, and **985199** is the 20% darker color. If you saturate the color by 10%, you get **D070D0**, and if you desaturate by 10%, it is **D09AD0**.

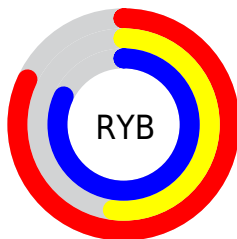
# Distribution



Red (82%)

Green (52%)

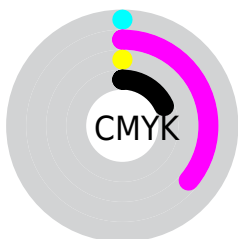
Blue (82%)



Red (82%)

Yellow (52%)

Blue (82%)

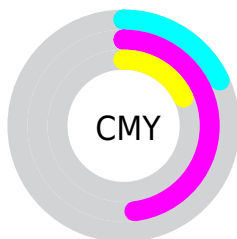


Cyan (0%)

Magenta (36%)

Yellow (0%)

Black (18%)



Cyan (18%)

Magenta (48%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D085D0 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 D085D0 by changing the saturation by 10% instead.



 D085D0

 D085D0

FFFFFF

 B46BB4

 FFBBFF

 985199


 FFD8FF

 7D387F

 FFF4FF

 631F66

 4A014E

 310037

 190021

 000005

 000000

 D085D0

 D085D0

 D070D0

 D09AD0

 D05BD0

 D0AFD0

 D047D0

 D0C3D0

 D032D0

 D0D8D0

 D01DD0

 D0EDD0

 D008D0

 D0FFD0

 D000D0

# Harmonies

## Analogous

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



9A96ED



D085D0



EC7BA6

# Triad

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



D085D0



BD9B46



00B5C5

# Complementary

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



D085D0



85D085

# 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.



00B598



D085D0



92A84E

# Square

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



D085D0



DE8B58



5CB16D



00B0E7

# Rectangle

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



D085D0



F17B89



5CB16D



00B5B6



# Sweetspot

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



D085D0



FFE3FF



8585D0



806F80



000000



808080



# Same Dimension

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



D085D0



FF91FF



D085AB



695E69



A800A8



290029



# Inverse Universe

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



D085D0



FF91FF



85D0AB



695E69



A800A8

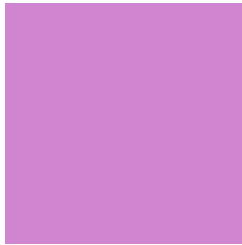


290029



# Previews

## White Background



This preview shows how the Hex color D085D0 looks on a white background.

## Color Contrast Check

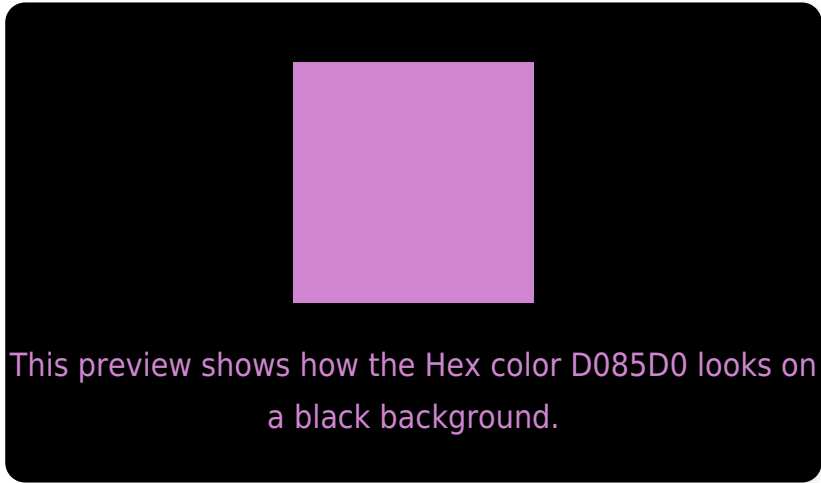
Large Text (above 18pt) WCAG AA × Fail

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

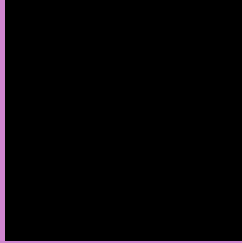
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D085D0 Background



This preview shows how black text looks on a background with the Hex color D085D0.

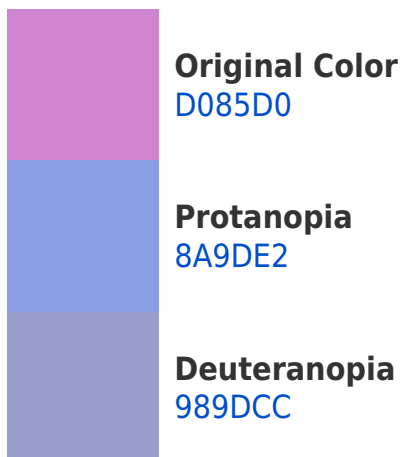


This preview shows how white text looks on a background with the Hex color D085D0.

# 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](#).

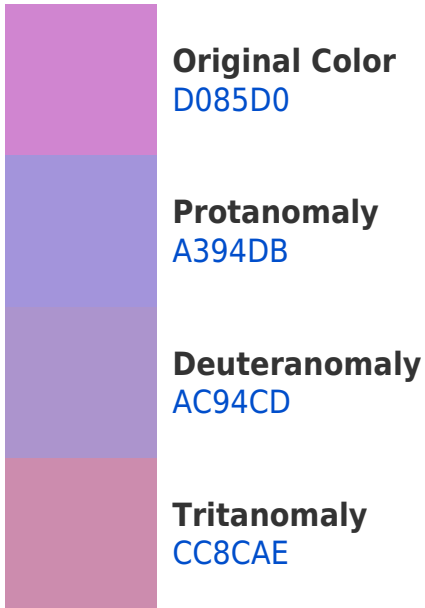
## Dichromacy



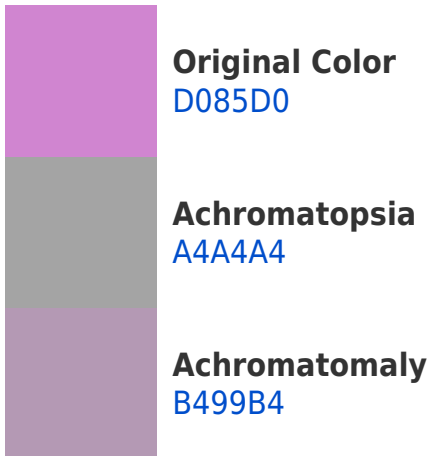


**Tritanopia**  
C9909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D085D0 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 #D085D0 looks like.

```
.text, #text, p{  
    color:#D085D0  
}
```

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 #D085D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D085D0
}
```

## Border

The CSS property to change the border of an element to Hex D085D0 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
#D085D0 }
```

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

```
.border{ border-color:#D085D0 }
```

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

Here you see how a box with a 4 pixel #D085D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D085D0; -webkit-box-shadow:4px 4px  
4px 4px #D085D0; box-shadow:4px 4px 4px  
4px #D085D0 }
```

# Background

The CSS property to change the background color of an element to Hex D085D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D085D0 }
```

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

```
.background{ background-color:#D085D0 }
```

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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