

# Converting Colors

Hex(D086BE)

Have a look what the booklet for  
Hex(D086BE) contains.

<b>Hex(D086BE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D086BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D086BE
RGB	208, 134, 190
RGB Percent	82%, 53%, 75%
CMY	0.1843, 0.4745, 0.2549
CMYK	0.00, 0.36, 0.09, 0.18
HSL	315°, 44%, 67%
HSV	315°, 36%, 82%
XYZ	43.8318, 34.1778, 53.0020
YIQ	162.5100, 26.1280, 33.1040

# Conversions

## Conversions Part 2

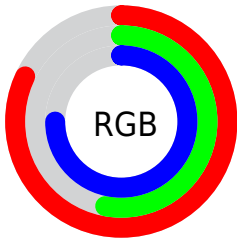
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 134, 190
Decimal	13665982
CIE <sub>Lab</sub>	65.10, 36.71, -17.49
CIE <sub>LCh</sub>	65, 40.668, 334.520
Yxy	34.1778, 0.3346, 0.2609
Android (android.graphics.Color)	4291856062 (0xFFD086BE)
YUV	162.5100, 13.5526, 39.8947
Hunter-Lab	58.4618, 31.5225, -12.8296

# Details

The Hex color **D086BE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **86D098**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFBCF6**, and **985389** is the 20% darker color. If you saturate the color by 10%, you get **D071B9**, and if you desaturate by 10%, it is **D09BC3**.

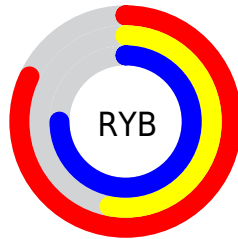
# Distribution



Red (82%)

Green (53%)

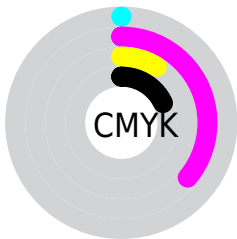
Blue (75%)



Red (82%)

Yellow (53%)

Blue (75%)

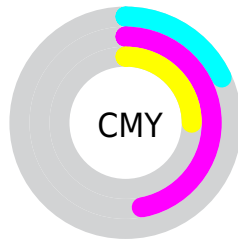


Cyan (0%)

Magenta (36%)

Yellow (9%)

Black (18%)



Cyan (18%)

Magenta (47%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D086BE 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 D086BE by changing the saturation by 10% instead.



 D086BE

 D086BE

FFFFFF

 B46CA3

 FFBCF6

 985389

 FFD8FF

 7D3A6F

 FFF5FF

 632157

 4A053F

 320029

 180014

 000000

 D086BE

 D086BE

 D071B9

 D09BC3

 D05CB4

 D0B0C8

 D048AF

 D0C4CD

 D033AA

 D0D9D2

 D01EA5

 D0EED7

 D009A0

 D0FFDC

 D0009D

 D0FFE1

 D0FFE6

 D0FFEC

# Harmonies

## Analogous

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



A992DA



D086BE



E3819A

# Triad

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



D086BE



B09E54



00B0C6

# Complementary

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



D086BE



86D098

# 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.



0BB1A3



D086BE



89A860

# Square

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



D086BE



CE915D



5BAE7D



0CAADF

# Rectangle

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



D086BE



E48382



5BAE7D



00B1BB



# Sweetspot

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



D086BE



FFE3F8



9786D0



806F7B



000000



808080



# Same Dimension

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



D086BE



FF91E4



D0869A



695E66



A8007F



29001F



# Inverse Universe

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



D086BE



FF91E4



86D0BC



695E66



A8007F



29001F



# Previews

## White Background



This preview shows how the Hex color D086BE looks on a white background.

## Color Contrast Check

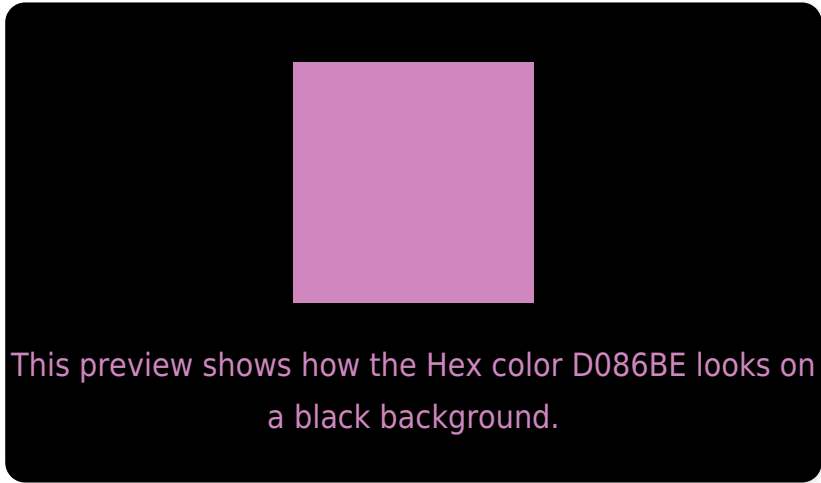
Large Text (above 18pt) WCAG AA × Fail

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

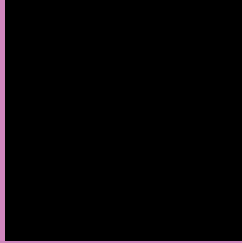
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D086BE Background



This preview shows how black text looks on a background with the Hex color D086BE.

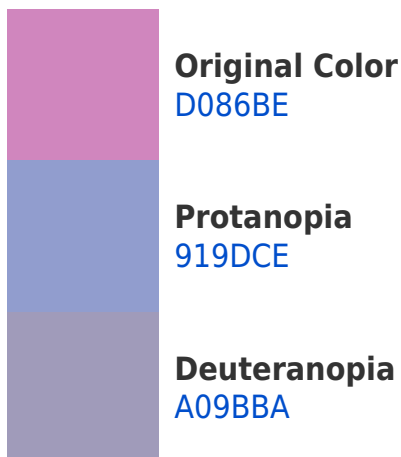



This preview shows how white text looks on a background with the Hex color D086BE.

# 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**  
CB8D98

# Trichromacy



**Original Color**  
D086BE



**Protanomaly**  
A895C8



**Deuteranomaly**  
B193BB

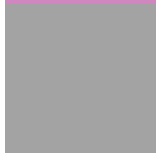


**Tritanomaly**  
CD8AA6

# Monochromacy



**Original Color**  
D086BE



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
B398AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D086BE 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 #D086BE looks like.

```
.text, #text, p{  
    color:#D086BE  
}
```

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 #D086BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D086BE }  
}
```

## Border

The CSS property to change the border of an element to Hex D086BE 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 #D086BE }  
}
```

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

```
.border{ border-color:#D086BE }
```

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

Here you see how a box with a 4 pixel #D086BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D086BE; -webkit-box-shadow:4px 4px  
4px 4px #D086BE; box-shadow:4px 4px 4px  
4px #D086BE }
```

# Background

The CSS property to change the background color of an element to Hex D086BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D086BE }
```

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

```
.background{ background-color:#D086BE }
```

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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