

# Converting Colors

Hex(D067BF)

Have a look what the booklet for  
Hex(D067BF) contains.

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# **Color**

**Hex(D067BF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D067BF
RGB	208, 103, 191
RGB Percent	82%, 40%, 75%
CMY	0.1843, 0.5961, 0.2510
CMYK	0.00, 0.50, 0.08, 0.18
HSL	310°, 53%, 61%
HSV	310°, 50%, 82%
XYZ	40.2666, 26.8720, 52.3547
YIQ	144.4270, 34.3320, 49.6280

# Conversions

## Conversions Part 2

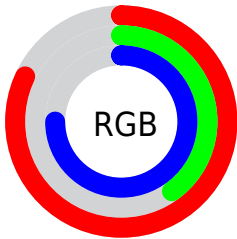
Format	Color
R <sub>Y</sub> B	208, 103, 191
Decimal	13658047
CIE Lab	58.86, 52.87, -27.62
CIE LCh	59, 59.653, 332.414
Yxy	26.8720, 0.3370, 0.2249
Android (android.graphics.Color)	4291848127 (0xFFD067BF)
YUV	144.4270, 22.9605, 55.7535
Hunter-Lab	51.8382, 47.9376, -23.5941

# Details

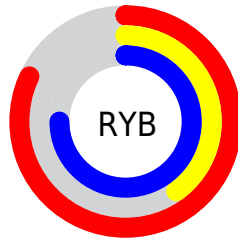
The Hex color **D067BF** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **67D078**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF9EF8**, and **973189** is the 20% darker color. If you saturate the color by 10%, you get **D052BC**, and if you desaturate by 10%, it is **D07CC2**.

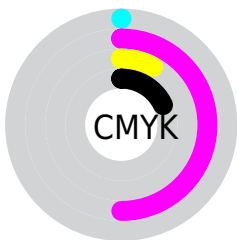
# Distribution



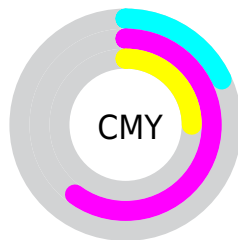
- Red (82%)
- Green (40%)
- Blue (75%)



- Red (82%)
- Yellow (40%)
- Blue (75%)



- Cyan (0%)
- Magenta (50%)
- Yellow (8%)
- Black (18%)



- Cyan (18%)
- Magenta (60%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D067BF 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 D067BF by changing the saturation by 10% instead.



 D067BF

 D067BF

FFFFFF

 B34CA4

 FF9EF8

 973189

 FFBAFF

 7C1070

 FFD6FF

 610057

 FFF3FF

 46003F

 300029

 030013

 000000

 D067BF

 D067BF

 D052BC

 D07CC2

 D03DB8

 D091C6

 D029B5

 D0A5C9

 D014B2

 D0BACC

 D000AE

 D0CFD0

 D0E4D3

 D0F9D7

 D0FFDA

 D0FFDD

# Harmonies

## Analogous

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



937EE6



D067BF



EA5B8C

# Triad

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



D067BF



A48C15



00A6C4

# Complementary

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



D067BF



67D078

# 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.



00A690



D067BF



6F9B2D

# Square

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



D067BF



CE792E



00A35B



009FEA

# Rectangle

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



D067BF



EB5F69



00A35B



00A6B4



# Sweetspot

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



D067BF



FFD9F9



7767D0



80697C



000000



808080



# Same Dimension

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



D067BF



FF63E6



D0678C



695E67



A8008D



290022



# Inverse Universe

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



D067BF



FF63E6



67D0AB



695E67



A8008D



290022



# Previews

## White Background



This preview shows how the Hex color D067BF looks on a white background.

## Color Contrast Check

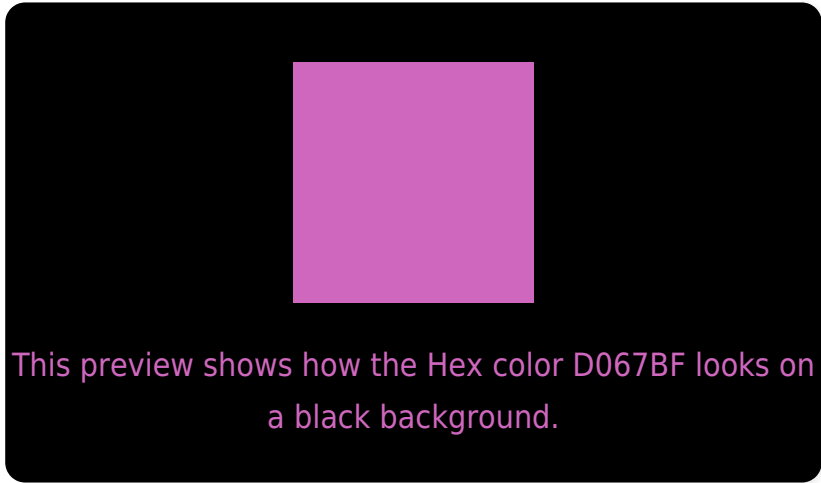
Large Text (above 18pt) WCAG AA ✓ Pass

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

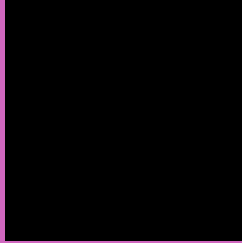
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D067BF Background



This preview shows how black text looks on a background with the Hex color D067BF.

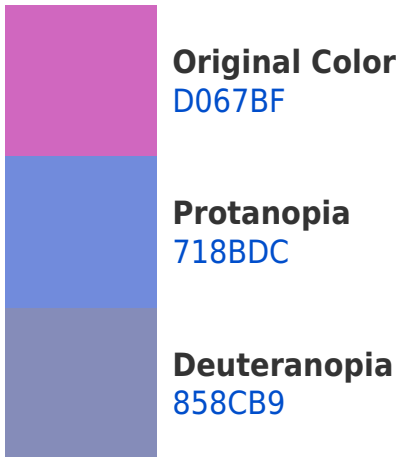



This preview shows how white text looks on a background with the Hex color D067BF.

# 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**  
C9767F

# Trichromacy



**Original Color**  
D067BF



**Protanomaly**  
947ED1



**Deuteranomaly**  
A07FBB

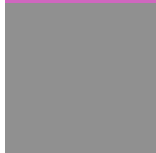


**Tritanomaly**  
CC7196

# Monochromacy



**Original Color**  
D067BF



**Achromatopsia**  
909090



**Achromatomaly**  
A781A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D067BF 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 #D067BF looks like.

```
.text, #text, p{  
    color:#D067BF  
}
```

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 #D067BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D067BF
}
```

## Border

The CSS property to change the border of an element to Hex D067BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

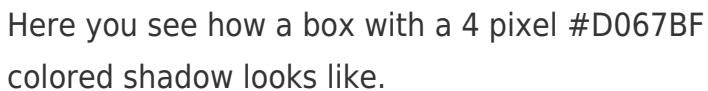
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D067BF }
```

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

```
.border{ border-color:#D067BF }
```

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



Here you see how a box with a 4 pixel #D067BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D067BF; -webkit-box-shadow:4px 4px  
4px 4px #D067BF; box-shadow:4px 4px 4px  
4px #D067BF }
```

# Background

The CSS property to change the background color of an element to Hex D067BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D067BF }
```

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

```
.background{ background-color:#D067BF }
```

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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