

# Converting Colors

Hex(D767BC)

Have a look what the booklet for  
Hex(D767BC) contains.

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# Color

Hex(D767BC)

# Conversions

## Conversions Part 1

Format	Color
Hex	D767BC
RGB	215, 103, 188
RGB Percent	84%, 40%, 74%
CMY	0.1569, 0.5961, 0.2627
CMYK	0.00, 0.52, 0.13, 0.16
HSL	314°, 58%, 62%
HSV	314°, 52%, 84%
XYZ	41.9517, 27.7784, 50.7276
YIQ	146.1780, 39.4670, 50.1790

# Conversions

## Conversions Part 2

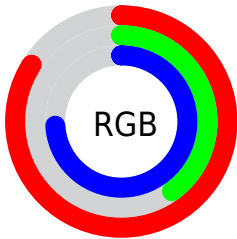
Format	Color
R <sub>Y</sub> B	215, 103, 188
Decimal	14116796
CIE Lab	59.69, 54.45, -24.55
CIE LCh	60, 59.728, 335.732
Yxy	27.7784, 0.3483, 0.2306
Android (android.graphics.Color)	4292306876 (0xFFD767BC)
YUV	146.1780, 20.6182, 60.3569
Hunter-Lab	52.7052, 49.8462, -20.1717

# Details

The Hex color **D767BC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **67D782**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FF9EF4**, and **9E3087** is the 20% darker color. If you saturate the color by 10%, you get **D752B7**, and if you desaturate by 10%, it is **D77DC1**.

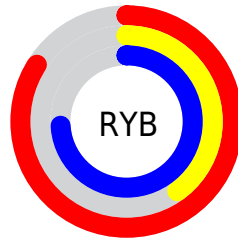
# Distribution



Red (84%)

Green (40%)

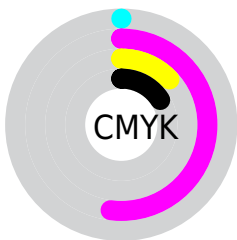
Blue (74%)



Red (84%)

Yellow (40%)

Blue (74%)

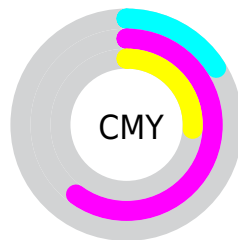


Cyan (0%)

Magenta (52%)

Yellow (13%)

Black (16%)



Cyan (16%)

Magenta (60%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D767BC 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 D767BC by changing the saturation by 10% instead.



 D767BC

 D767BC

FFFFFF

 BA4CA1

 FF9EF4

 9E3087

 FFBAFF

 820C6D

 FFD7FF

 670054

 FFF4FF

 4C003D

 350027

 110010

 000000

 D767BC

 D767BC

 D752B7

 D77DC1

 D73CB2

 D792C6

 D726AC

 D7A8CC

 D711A7

 D7BDD1

 D700A3

 D7D3D6

 D7E8DB

 D7FEE0

 D7FFE5

 D7FFEB

# Harmonies

## Analogous

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



9F7DE6



D767BC



EE5D88

# Triad

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



D767BC



A19118



00A7CC

# Complementary

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



D767BC



67D782

# 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.



00A999



D767BC



6A9E33

# Square

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



D767BC



CC7D2C



00A662



00A1EF

# Rectangle

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



D767BC



ED6265



00A662



00A8BC



# Sweetspot

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



D767BC



FFD6F5



8167D7



80677A



000000



808080



# Same Dimension

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



D767BC



FF5ED8



D76785



6B6069



AB0082



2B0021



# Inverse Universe

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



D767BC



FF5ED8



67D7B9



6B6069



AB0082



2B0021



# Previews

## White Background



This preview shows how the Hex color D767BC looks on a white background.

## Color Contrast Check

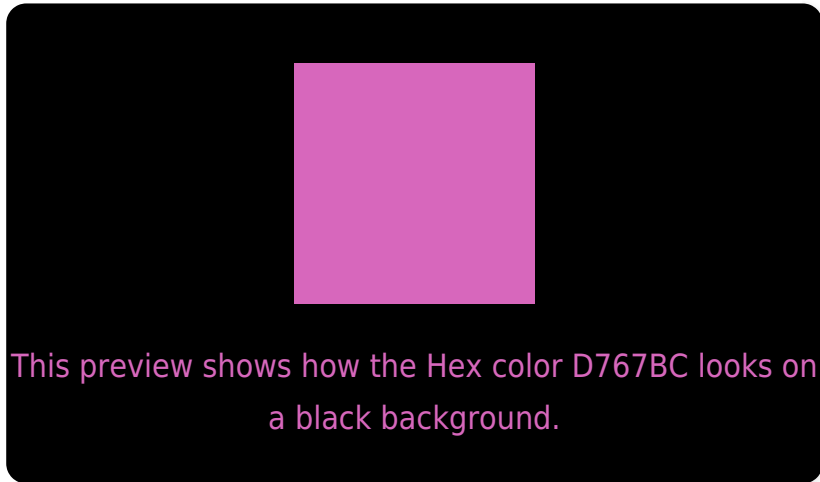
Large Text (above 18pt) WCAG AA ✓ Pass

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 D767BC Background



This preview shows how black text looks on a background with the Hex color D767BC.



This preview shows how white text looks on a background with the Hex color D767BC.

# 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**  
D0757E

# Trichromacy



**Original Color**  
D767BC



**Protanomaly**  
9980CF



**Deuteranomaly**  
A77FB8



**Tritanomaly**  
D37095

# Monochromacy



**Original Color**  
D767BC



**Achromatopsia**  
929292



**Achromatomaly**  
AB82A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D767BC 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 #D767BC looks like.

```
.text, #text, p{  
    color:#D767BC  
}
```

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 #D767BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D767BC
}
```

## Border

The CSS property to change the border of an element to Hex D767BC 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
#D767BC }
```

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

```
.border{ border-color:#D767BC }
```

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

Here you see how a box with a 4 pixel #D767BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D767BC; -webkit-box-shadow:4px 4px  
4px 4px #D767BC; box-shadow:4px 4px 4px  
4px #D767BC }
```

# Background

The CSS property to change the background color of an element to Hex D767BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D767BC }
```

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

```
.background{ background-color:#D767BC }
```

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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