

Converting Colors

Hex(D867CB)

Have a look what the booklet for
Hex(D867CB) contains.

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Color

Hex(D867CB)

Conversions

Conversions Part 1

Format	Color
Hex	D867CB
RGB	216, 103, 203
RGB Percent	85%, 40%, 80%
CMY	0.1529, 0.5961, 0.2039
CMYK	0.00, 0.52, 0.06, 0.15
HSL	307°, 59%, 63%
HSV	307°, 52%, 85%
XYZ	43.9486, 28.6112, 59.7061
YIQ	148.1870, 35.2480, 55.0560

Conversions

Conversions Part 2

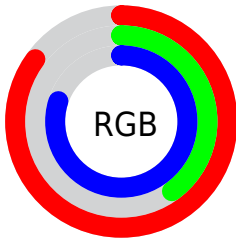
Format	Color
R _Y B	216, 103, 203
Decimal	14182347
CIE Lab	60.44, 57.17, -31.91
CIE LCh	60, 65.473, 330.829
Yxy	28.6112, 0.3323, 0.2163
Android (android.graphics.Color)	4292372427 (0xFFD867CB)
YUV	148.1870, 27.0228, 59.4720
Hunter-Lab	53.4895, 53.0547, -28.7381

Details

The Hex color **D867CB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **67D874**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FF9EFF**, and **9F2F95** is the 20% darker color. If you saturate the color by 10%, you get **D851C9**, and if you desaturate by 10%, it is **D87DCD**.

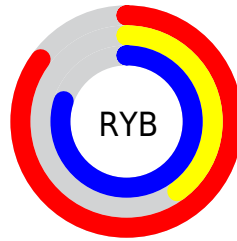
Distribution



Red (85%)

Green (40%)

Blue (80%)



Red (85%)

Yellow (40%)

Blue (80%)

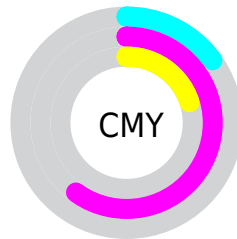


Cyan (0%)

Magenta (52%)

Yellow (6%)

Black (15%)



Cyan (15%)

Magenta (60%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color D867CB 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 D867CB by changing the saturation by 10% instead.

 D867CB

 D867CB

FFFFFF

 BB4CAF

 FF9EFF

 9F2F95

 FFBAFF

 83097A

 FFD7FF

 670061

 FFF4FF

 4D0049

 350032

 14001C

 000000

 D867CB

 D867CB

 D851C9

 D87DCD

 D83CC6

 D892D0

 D826C4

 D8A8D2

 D811C1

 D8BDD5

 D800BF

 D8D3D7

 D8E9DA

 D8FEDC

 D8FFDF

 D8FFE1

Harmonies

Analogous

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



9282F6



D867CB



F75793

Triad

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



D867CB



AC9000



00ACCC

Complementary

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



D867CB



67D874

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.



00AC92



D867CB



729F20

Square

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



D867CB



D97928



00A856



00A6F6

Rectangle

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



D867CB



F85B6C



00A856



00ADB9

Sweetspot

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



D867CB



FFD6FA



7267D8



80677D



000000



808080

Same Dimension

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



D867CB



FF5EED



D86794



6B606A



AB0097



2B0026

Inverse Universe

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



D867CB



FF5EED



67D8AB



6B606A



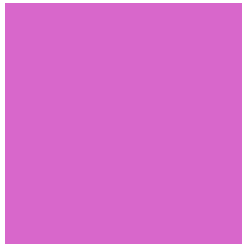
AB0097



2B0026

Previews

White Background



This preview shows how the Hex color D867CB looks on a white background.

Color Contrast Check

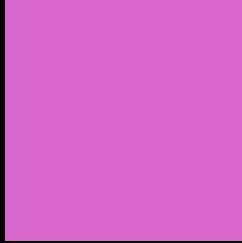
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color D867CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

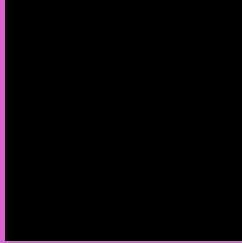
Any Text WCAG AA ✓ Pass

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 D867CB Background



This preview shows how black text looks on a background with the Hex color D867CB.

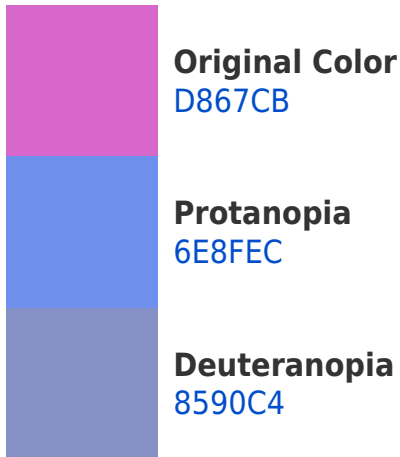


This preview shows how white text looks on a background with the Hex color D867CB.

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
D07982

Trichromacy



Original Color
D867CB



Protanomaly
9580E0



Deuteranomaly
A381C7

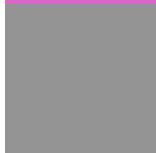


Tritanomaly
D3729D

Monochromacy



Original Color
D867CB



Achromatopsia
949494



Achromatomaly
AD84A8

CSS Examples

Text

The CSS property to change the color of the text to Hex D867CB 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 #D867CB looks like.

```
.text, #text, p{  
    color:#D867CB  
}
```

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 #D867CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D867CB
}
```

Border

The CSS property to change the border of an element to Hex D867CB 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
#D867CB }
```

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

```
.border{ border-color:#D867CB }
```

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

Here you see how a box with a 4 pixel #D867CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D867CB; -webkit-box-shadow:4px 4px  
4px 4px #D867CB; box-shadow:4px 4px 4px  
4px #D867CB }
```

Background

The CSS property to change the background color of an element to Hex D867CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D867CB }
```

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

```
.background{ background-color:#D867CB }
```

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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