

# Converting Colors

Hex(D86CC8)

Have a look what the booklet for  
Hex(D86CC8) contains.

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# **Color**

**Hex(D86CC8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D86CC8
RGB	216, 108, 200
RGB Percent	85%, 42%, 78%
CMY	0.1529, 0.5765, 0.2157
CMYK	0.00, 0.50, 0.07, 0.15
HSL	309°, 58%, 64%
HSV	309°, 50%, 85%
XYZ	44.1068, 29.4942, 58.0118
YIQ	150.7800, 34.8360, 51.5080

# Conversions

## Conversions Part 2

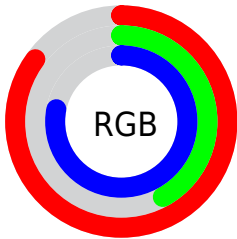
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 108, 200
Decimal	14183624
CIE Lab	61.22, 54.28, -29.01
CIE LCh	61, 61.542, 331.879
Yxy	29.4942, 0.3351, 0.2241
Android (android.graphics.Color)	4292373704 (0xFFD86CC8)
YUV	150.7800, 24.2655, 57.1979
Hunter-Lab	54.3085, 49.9292, -25.3170

# Details

The Hex color **D86CC8** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6CD87C**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFA3FF**, and **9F3592** is the 20% darker color. If you saturate the color by 10%, you get **D856C5**, and if you desaturate by 10%, it is **D882CB**.

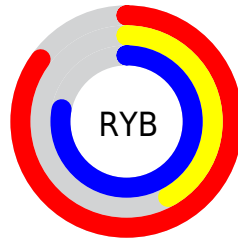
# Distribution



Red (85%)

Green (42%)

Blue (78%)



Red (85%)

Yellow (42%)

Blue (78%)

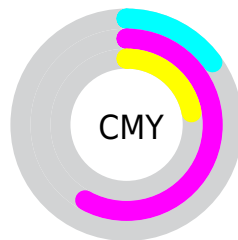


Cyan (0%)

Magenta (50%)

Yellow (7%)

Black (15%)



Cyan (15%)

Magenta (58%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D86CC8 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 D86CC8 by changing the saturation by 10% instead.



 D86CC8

 D86CC8

FFFFFF

 BB51AC

 FFA3FF

 9F3592

 FFBFFF

 831678

 FFDCFF

 68005F

 FFF9FF

 4D0047

 360030

 16001A

 000000

 D86CC8

 D86CC8

 D856C5

 D882CB

 D841C2

 D897CE

 D82BBE

 D8ADD2

 D816BB

 D8C2D5

 D800B8

 D8D8D8

 D8EEDB

 D8FFDE

 D8FFE2

 D8FFE5

# Harmonies

## Analogous

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



9884F1



D86CC8



F45F93

# Triad

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



D86CC8



AC9216



00ADCC

# Complementary

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



D86CC8



6CD87C

# 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.



00AD96



D86CC8



75A12E

# Square

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



D86CC8



D77E31



08AA5E



00A6F3

# Rectangle

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



D86CC8



F5636F



08AA5E



00ADBB

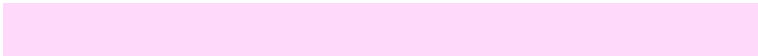


# Sweetspot

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



D86CC8



FFD9F9



7A6CD8



80697C



000000



808080



# Same Dimension

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



D86CC8



FF66E8



D86C94



6B606A



AB0092



2B0025



# Inverse Universe

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



D86CC8



FF66E8



6CD8B0



6B606A



AB0092



2B0025



# Previews

## White Background



This preview shows how the Hex color D86CC8 looks on a white background.

## Color Contrast Check

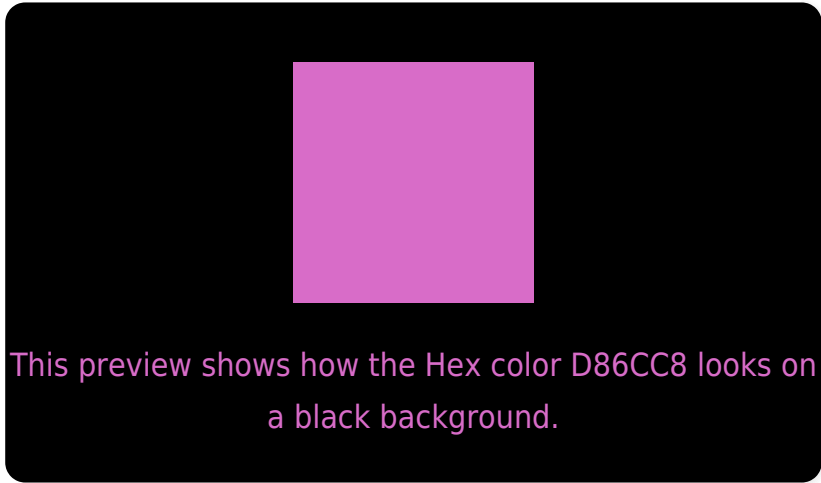
Large Text (above 18pt) WCAG AA ✓ Pass

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

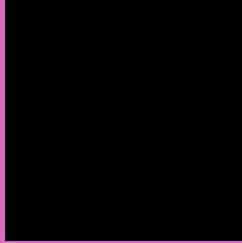
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D86CC8 Background



This preview shows how black text looks on a background with the Hex color D86CC8.

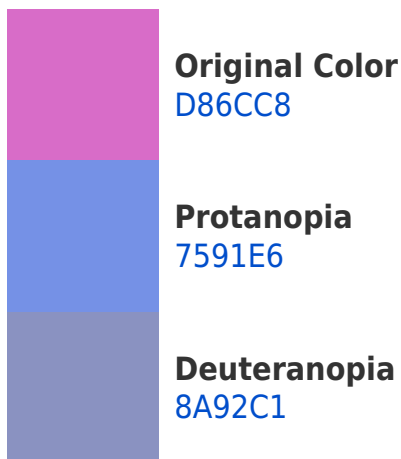


This preview shows how white text looks on a background with the Hex color D86CC8.

# 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**  
D07C85

# Trichromacy



**Original Color**  
D86CC8



**Protanomaly**  
9984DB



**Deuteranomaly**  
A684C4

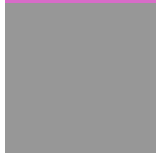


**Tritanomaly**  
D3769D

# Monochromacy



**Original Color**  
D86CC8



**Achromatopsia**  
979797



**Achromatomaly**  
AF87A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D86CC8 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 #D86CC8 looks like.

```
.text, #text, p{  
    color:#D86CC8  
}
```

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 #D86CC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D86CC8 }  
}
```

## Border

The CSS property to change the border of an element to Hex D86CC8 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 #D86CC8 }  
}
```

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

```
.border{ border-color:#D86CC8 }
```

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

Here you see how a box with a 4 pixel #D86CC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D86CC8; -webkit-box-shadow:4px 4px  
4px 4px #D86CC8; box-shadow:4px 4px 4px  
4px #D86CC8 }
```

# Background

The CSS property to change the background color of an element to Hex D86CC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D86CC8 }
```

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

```
.background{ background-color:#D86CC8 }
```

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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