

# Converting Colors

Hex(D806B1)

Have a look what the booklet for  
Hex(D806B1) contains.

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**Color**

**Hex(D806B1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D806B1
RGB	216, 6, 177
RGB Percent	85%, 2%, 69%
CMY	0.1529, 0.9765, 0.3059
CMYK	0.00, 0.97, 0.18, 0.15
HSL	311°, 95%, 44%
HSV	311°, 97%, 85%
XYZ	36.3198, 17.9035, 43.1364
YIQ	88.2840, 70.2690, 97.7010

# Conversions

## Conversions Part 2

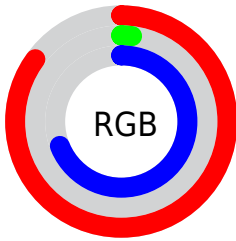
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	216, 6, 177
Decimal	14157489
CIE <sub>Lab</sub>	49.38, 81.03, -34.17
CIE <sub>LCh</sub>	49, 87.936, 337.136
Yxy	17.9035, 0.3730, 0.1839
Android (android.graphics.Color)	4292347569 (0xFFD806B1)
YUV	88.2840, 43.7370, 112.0069
Hunter-Lab	42.3125, 79.1722, -30.8257

# Details

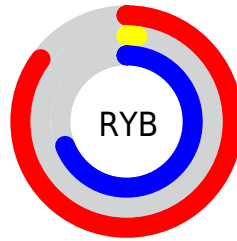
The Hex color **D806B1** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **06D82D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF5FE9**, and **9C007C** is the 20% darker color. If you saturate the color by 10%, you get **D800B0**, and if you desaturate by 10%, it is **D81CB5**.

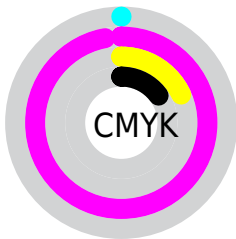
# Distribution



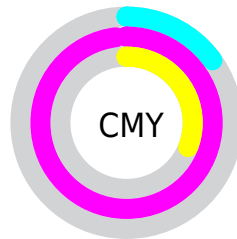
- Red (85%)
- Green (2%)
- Blue (69%)



- Red (85%)
- Yellow (2%)
- Blue (69%)



- Cyan (0%)
- Magenta (97%)
- Yellow (18%)
- Black (15%)



- Cyan (15%)
- Magenta (98%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D806B1 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 D806B1 by changing the saturation by 10% instead.



 D806B1

 D806B1

FFFFFF

 BA0096

 FF5FE9

 9C007C

 FF7EFF

 7F0063

 FF9CFF

 62004A

 FFBAFF

 470033

 FFD8FF

 29001D

 FFF7FF

 000000

 D806B1

 D806B1

 D800B0

 D81CB5

 D831B9

 D847BD

 D85CC1

 D872C5

 D888C9

 D89DCD

 D8B3D1

 D8C8D5

# Harmonies

## Analogous

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



8556EE



D806B1



F20067

# Triad

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



D806B1



807800



0093CF

# Complementary

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



D806B1



06D82D

# 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.



009386



D806B1



208800

# Square

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



D806B1



BC5B00



009036



008DFF

# Rectangle

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



D806B1



ED0037



009036



0093B8



# Sweetspot

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



D806B1



FFB5F1



2D06D8



805377



000000



808080



# Same Dimension

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



D806B1



FF00D0



D80648



6B6069



AB008B



2B0023



# Inverse Universe

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



D806B1



FF00D0



06D896



6B6069



AB008B



2B0023



# Previews

## White Background



This preview shows how the Hex color D806B1 looks on a white background.

## Color Contrast Check

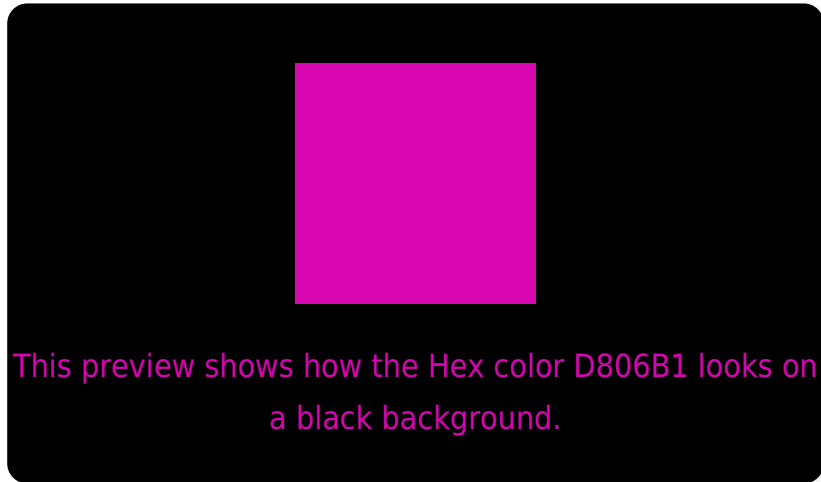
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

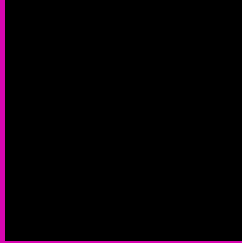
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D806B1 Background



This preview shows how black text looks on a background with the Hex color D806B1.



This preview shows how white text looks on a background with the Hex color D806B1.

# 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





# Trichromacy



**Original Color**  
D806B1



**Protanomaly**  
4F4BDC



**Deuteranomaly**  
904DAA



**Tritanomaly**  
D22F6F

# Monochromacy



**Original Color**  
D806B1



**Achromatopsia**  
585858



**Achromatomaly**  
873A78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D806B1 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 #D806B1 looks like.

```
.text, #text, p{  
    color:#D806B1  
}
```

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 #D806B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D806B1
}
```

## Border

The CSS property to change the border of an element to Hex D806B1 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
#D806B1 }
```

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

```
.border{ border-color:#D806B1 }
```

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

Here you see how a box with a 4 pixel #D806B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D806B1; -webkit-box-shadow:4px 4px  
4px 4px #D806B1; box-shadow:4px 4px 4px  
4px #D806B1 }
```

# Background

The CSS property to change the background color of an element to Hex D806B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D806B1 }
```

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

```
.background{ background-color:#D806B1 }
```

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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