

# Converting Colors

Hex(D6B5E1)

Have a look what the booklet for  
Hex(D6B5E1) contains.

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# **Color**

**Hex(D6B5E1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D6B5E1
RGB	214, 181, 225
RGB Percent	84%, 71%, 88%
CMY	0.1608, 0.2902, 0.1176
CMYK	0.05, 0.20, 0.00, 0.12
HSL	285°, 42%, 80%
HSV	285°, 20%, 88%
XYZ	57.8460, 52.7801, 78.3729
YIQ	195.8830, 5.5440, 20.6800

# Conversions

## Conversions Part 2

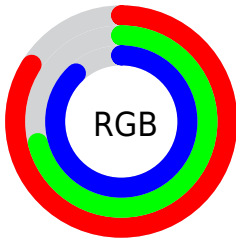
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 181, 225
Decimal	14071265
CIE <sub>Lab</sub>	77.75, 19.65, -17.61
CIE <sub>LCh</sub>	78, 26.385, 318.134
Yxy	52.7801, 0.3061, 0.2793
Android (android.graphics.Color)	4292261345 (0xFFD6B5E1)
YUV	195.8830, 14.3547, 15.8886
Hunter-Lab	72.6499, 14.9896, -13.1056

# Details

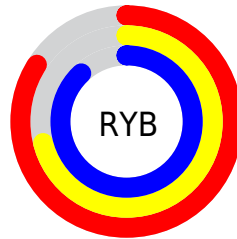
The Hex color **D6B5E1** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C0E1B5**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFEDFF**, and **9F80AA** is the 20% darker color. If you saturate the color by 10%, you get **D09FE1**, and if you desaturate by 10%, it is **DCCCE1**.

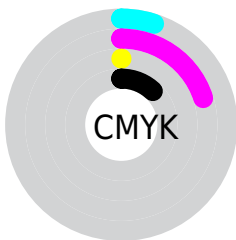
# Distribution



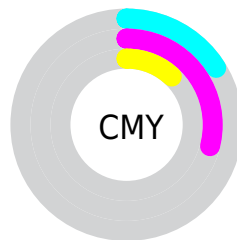
- Red (84%)
- Green (71%)
- Blue (88%)



- Red (84%)
- Yellow (71%)
- Blue (88%)



- Cyan (5%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)



- Cyan (16%)
- Magenta (29%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6B5E1 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 D6B5E1 by changing the saturation by 10% instead.



 D6B5E1

FFFFFF

 FFEDFF

 D6B5E1

 BA9AC5

 9F80AA

 85678F

 6B4F75

 52375D

 3B2145

 240C2F

 0A001A

 000000

 D6B5E1

 D6B5E1

 D09FE1

 DCCCE1

 CB88E1

 E1E2E1

 C572E1

 E7F9E1

 C05BE1

 ECFE1

 BA45E1

 F2FFE1

 B42EE1

 F8FFE1

 AF18E1

 FDFE1

 A901E1

 FFFE1

 A900E1

# Harmonies

## Analogous

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



B7BDEE



D6B5E1



EBAFCB

# Triad

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



D6B5E1



DBBB91



7BCECE

# Complementary

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



D6B5E1



C0E1B5

# 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.



8CCDB5



D6B5E1



C3C391

# Square

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



D6B5E1



ECB49D



A7CA9F



7DCBE4

# Rectangle

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



D6B5E1



F1AEBA



A7CA9F



7FCEC6



# Sweetspot

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



D6B5E1



FBF0FF



B5C0E1



7D7780



000000



808080



# Same Dimension

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



D6B5E1



F0C4FF



E1B5D6



6D6570



8400B0



240030



# Inverse Universe

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



E1B5C0



FFC4D3



B5E1C0



706568



B0002C

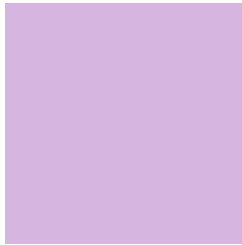


30000C



# Previews

## White Background



This preview shows how the Hex color D6B5E1 looks on a white background.

## Color Contrast Check

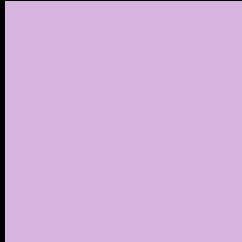
Large Text (above 18pt) WCAG AA × Fail

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 D6B5E1 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 ✓ Pass

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



## Hex D6B5E1 Background



This preview shows how black text looks on a background with the Hex color D6B5E1.

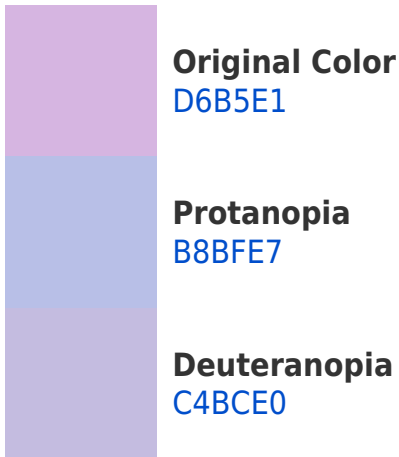


This preview shows how white text looks on a background with the Hex color D6B5E1.

# 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**  
D2B9C8

# Trichromacy



**Original Color**  
D6B5E1

**Protanomaly**  
C3BBE5

**Deuteranomaly**  
CBB9E0

**Tritanomaly**  
D3B8D1

# Monochromacy



**Original Color**  
D6B5E1

**Achromatopsia**  
C4C4C4

**Achromatomaly**  
CBBFCF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6B5E1 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 #D6B5E1 looks like.

```
.text, #text, p{  
    color:#D6B5E1  
}
```

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 #D6B5E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6B5E1
}
```

## Border

The CSS property to change the border of an element to Hex D6B5E1 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
#D6B5E1 }
```

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

```
.border{ border-color:#D6B5E1 }
```

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

Here you see how a box with a 4 pixel #D6B5E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6B5E1; -webkit-box-shadow:4px 4px  
4px 4px #D6B5E1; box-shadow:4px 4px 4px  
4px #D6B5E1 }
```

# Background

The CSS property to change the background color of an element to Hex D6B5E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6B5E1 }
```

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

```
.background{ background-color:#D6B5E1 }
```

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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