

Converting Colors

Hex(D6B0EE)

Have a look what the booklet for
Hex(D6B0EE) contains.

Hex(D6B0EE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D6B0EE)

Conversions

Conversions Part 1

Format	Color
Hex	D6B0EE
RGB	214, 176, 238
RGB Percent	84%, 69%, 93%
CMY	0.1608, 0.3098, 0.0667
CMYK	0.10, 0.26, 0.00, 0.07
HSL	277°, 65%, 81%
HSV	277°, 26%, 93%
XYZ	58.6895, 51.5199, 87.7400
YIQ	194.4300, 2.7460, 27.3380

Conversions

Conversions Part 2

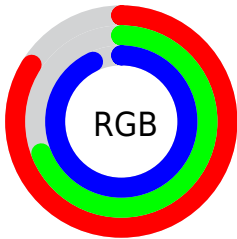
Format	Color
RYB	214, 176, 238
Decimal	14069998
CIELab	76.99, 24.94, -25.78
CIELCh	77, 35.870, 314.052
Yxy	51.5199, 0.2965, 0.2603
Android (android.graphics.Color)	4292260078 (0xFFD6B0EE)
YUV	194.4300, 21.4800, 17.1629
Hunter-Lab	71.7773, 20.3421, -22.2314

Details

The Hex color **D6B0EE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C8EEB0**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFE8FF**, and **9F7BB6** is the 20% darker color. If you saturate the color by 10%, you get **CD98EE**, and if you desaturate by 10%, it is **DFC8EE**.

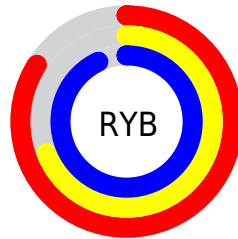
Distribution



Red (84%)

Green (69%)

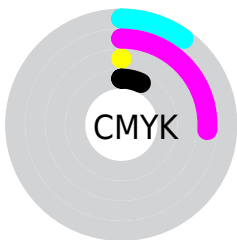
Blue (93%)



Red (84%)

Yellow (69%)

Blue (93%)

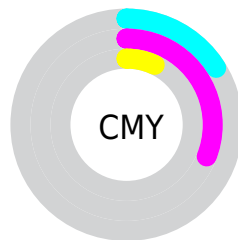


Cyan (10%)

Magenta (26%)

Yellow (0%)

Black (7%)



Cyan (16%)

Magenta (31%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6B0EE 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 D6B0EE by changing the saturation by 10% instead.

 D6B0EE

 D6B0EE

FFFFFF

 BA95D2

 FFE8FF

 9F7BB6

 84629B

 6A4A81

 513367

 391C4F

 220738

 060022

 000008

 D6B0EE

 D6B0EE

 CD98EE

 DFC8EE

 C480EE

 E8E0EE

 BA69EE

 F2F7EE

 B151EE

 FBFFEE

 A839EE

 FFFFEE

 9F21EE

 9609EE

 9200EE

Harmonies

Analogous

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



A9BCFE



D6B0EE



F4A7D1

Triad

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



D6B0EE



E4B67F



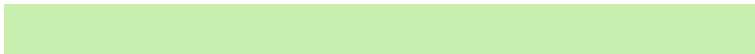
54D0CD

Complementary

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



D6B0EE



C8EEB0

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.



78CFAB



D6B0EE



C5C17D

Square

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



D6B0EE



FAAB91



A0CA8D



4ECDEB

Rectangle

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



D6B0EE



FEA5BB



A0CA8D



5FD0C2

Sweetspot

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



D6B0EE



F7EBFF



B0C9EE



7B7380



000000



808080

Same Dimension

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



D6B0EE



E0B0FF



EEB0E8



736C78



7100B8



220038

Inverse Universe

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



EEB0C8



FFB0CF



B0EEB6



786C71



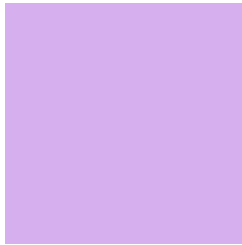
B80047



380016

Previews

White Background



This preview shows how the Hex color D6B0EE looks on a white background.

Color Contrast Check

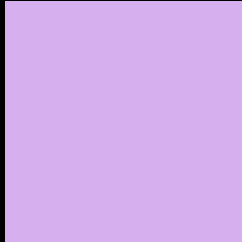
Large Text (above 18pt) WCAG AA × Fail

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 D6B0EE 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 D6B0EE Background



This preview shows how black text looks on a background with the Hex color D6B0EE.



This preview shows how white text looks on a background with the Hex color D6B0EE.

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
D0B7C6

Trichromacy



Original Color
D6B0EE



Protanomaly
BDB8F4



Deuteranomaly
C4B6ED

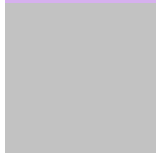


Tritanomaly
D2B4D5

Monochromacy



Original Color
D6B0EE



Achromatopsia
C2C2C2



Achromatomaly
C9BBD2

CSS Examples

Text

The CSS property to change the color of the text to Hex D6B0EE 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 #D6B0EE looks like.

```
.text, #text, p{  
    color:#D6B0EE  
}
```

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 #D6B0EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6B0EE
}
```

Border

The CSS property to change the border of an element to Hex D6B0EE 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
#D6B0EE }
```

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

```
.border{ border-color:#D6B0EE }
```

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

Here you see how a box with a 4 pixel #D6B0EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6B0EE; -webkit-box-shadow:4px 4px  
4px 4px #D6B0EE; box-shadow:4px 4px 4px  
4px #D6B0EE }
```

Background

The CSS property to change the background color of an element to Hex D6B0EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6B0EE }
```

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

```
.background{ background-color:#D6B0EE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor