

Converting Colors

Hex(DBB0EE)

Have a look what the booklet for
Hex(DBB0EE) contains.

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Color

Hex(DBB0EE)

Conversions

Conversions Part 1

Format	Color
Hex	DBB0EE
RGB	219, 176, 238
RGB Percent	86%, 69%, 93%
CMY	0.1412, 0.3098, 0.0667
CMYK	0.08, 0.26, 0.00, 0.07
HSL	282°, 65%, 81%
HSV	282°, 26%, 93%
XYZ	60.1714, 52.2838, 87.8093
YIQ	195.9250, 5.7260, 28.3980

Conversions

Conversions Part 2

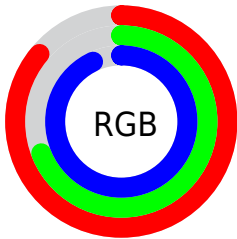
Format	Color
R _Y B	219, 176, 238
Decimal	14397678
CIE Lab	77.45, 26.52, -25.04
CIE LCh	77, 36.476, 316.647
Yxy	52.2838, 0.3005, 0.2611
Android (android.graphics.Color)	4292587758 (0xFFDDBB0EE)
YUV	195.9250, 20.7430, 20.2368
Hunter-Lab	72.3075, 22.0022, -21.3857

Details

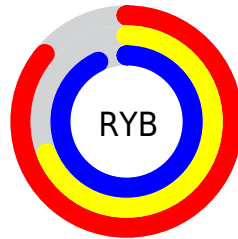
The Hex color **DBB0EE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C3EEB0**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFE8FF**, and **A37BB6** is the 20% darker color. If you saturate the color by 10%, you get **D498EE**, and if you desaturate by 10%, it is **E2C8EE**.

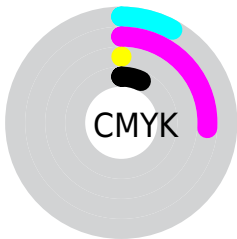
Distribution



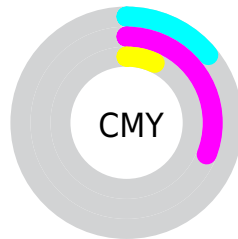
- Red (86%)
- Green (69%)
- Blue (93%)



- Red (86%)
- Yellow (69%)
- Blue (93%)



- Cyan (8%)
- Magenta (26%)
- Yellow (0%)
- Black (7%)



- Cyan (14%)
- Magenta (31%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color `DBB0EE` 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 `DBB0EE` by changing the saturation by 10% instead.

 `DBB0EE`

 `DBB0EE`

`FFFFFF`

 `BF95D2`

 `FFE8FF`

 `A37BB6`

 `89629B`

 `6F4A81`

 `563268`

 `3D1C4F`

 `260638`

 `0F0022`

 `000008`

 DBB0EE

 DBB0EE

 D498EE

 E2C8EE

 CC80EE

 EAE0EE

 C569EE

 F1F7EE

 BE51EE

 F8FFEE

 B739EE

 FFFFEE

 AF21EE

 A809EE

 A500EE

Harmonies

Analogous

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



AEBCFF



DBB0EE



F8A7D0

Triad

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



DBB0EE



E4B87E



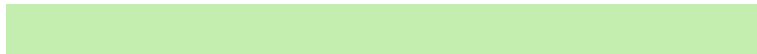
50D2D1

Complementary

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



DBB0EE



C3EEB0

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.



74D1AF



DBB0EE



C3C37E

Square

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



DBB0EE



FBAD90



9DCC90



4ECFEF

Rectangle

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



DBB0EE



FFA6B9



9DCC90



5AD2C6

Sweetspot

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



DBB0EE



F9EBFF



B0C4EE



7C7380



000000



808080

Same Dimension

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



DBB0EE



E7B0FF



EEB0E3



746C78



7F00B8



270038

Inverse Universe

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



EEB0C3



FFB0C8



B0EEBB



786C70



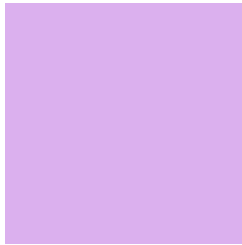
B80038



380011

Previews

White Background



This preview shows how the Hex color DBB0EE looks on a white background.

Color Contrast Check

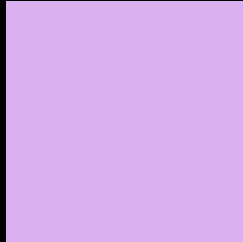
Large Text (above 18pt) WCAG AA × Fail

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 DBB0EE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

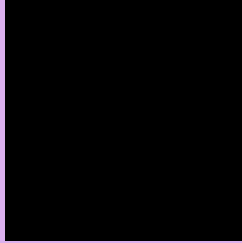
Any Text WCAG AA ✓ Pass

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 DBB0EE Background



This preview shows how black text looks on a background with the Hex color DBB0EE.

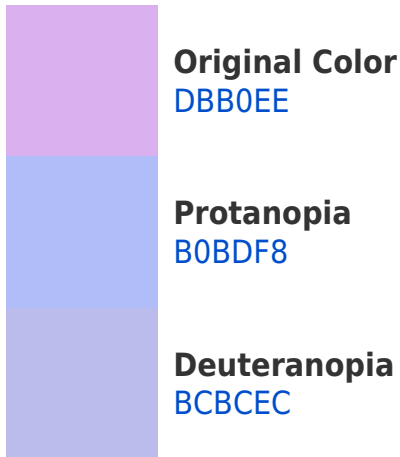


This preview shows how white text looks on a background with the Hex color DBB0EE.

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
D5B7C6

Trichromacy



Original Color
DBB0EE



Protanomaly
C0B8F4



Deuteranomaly
C7B8ED



Tritanomaly
D7B4D5

Monochromacy



Original Color
DBB0EE



Achromatopsia
C4C4C4



Achromatomaly
CCBDD3

CSS Examples

Text

The CSS property to change the color of the text to Hex `DBB0EE` 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 `#DBB0EE` looks like.

```
.text, #text, p{  
    color:#DBB0EE  
}
```

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 #DBB0EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBB0EE
}
```

Border

The CSS property to change the border of an element to Hex DBB0EE 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
#DBB0EE }
```

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

```
.border{ border-color:#DBB0EE }
```

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

Here you see how a box with a 4 pixel #DBB0EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBB0EE; -webkit-box-shadow:4px 4px  
4px 4px #DBB0EE; box-shadow:4px 4px 4px  
4px #DBB0EE }
```

Background

The CSS property to change the background color of an element to Hex DBB0EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBB0EE }
```

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

```
.background{ background-color:#DBB0EE }
```

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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