

# Converting Colors

Hex(DBB2F7)

Have a look what the booklet for  
Hex(DBB2F7) contains.

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# **Color**

**Hex(DBB2F7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DBB2F7
RGB	219, 178, 247
RGB Percent	86%, 70%, 97%
CMY	0.1412, 0.3020, 0.0314
CMYK	0.11, 0.28, 0.00, 0.03
HSL	276°, 81%, 83%
HSV	276°, 28%, 97%
XYZ	61.9223, 53.6163, 95.0810
YIQ	198.1250, 2.2870, 30.1510

# Conversions

## Conversions Part 2

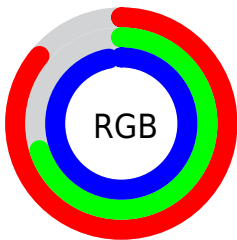
Format	Color
R <sub>Y</sub> B	219, 178, 247
Decimal	14398199
CIE Lab	78.24, 27.25, -28.69
CIE LCh	78, 39.569, 313.534
Yxy	53.6163, 0.2940, 0.2546
Android (android.graphics.Color)	4292588279 (0xFFDDBB2F7)
YUV	198.1250, 24.0954, 18.3074
Hunter-Lab	73.2231, 22.8109, -25.7325

# Details

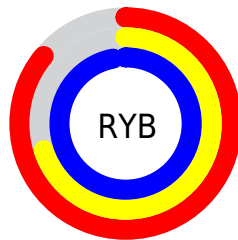
The Hex color **DBB2F7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **CEF7B2**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFEAFF**, and **A37DBE** is the 20% darker color. If you saturate the color by 10%, you get **D199F7**, and if you desaturate by 10%, it is **E5CBF7**.

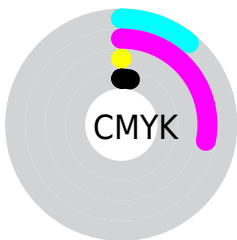
# Distribution



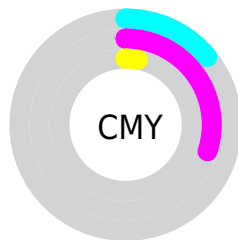
- Red (86%)
- Green (70%)
- Blue (97%)



- Red (86%)
- Yellow (70%)
- Blue (97%)



- Cyan (11%)
- Magenta (28%)
- Yellow (0%)
- Black (3%)



- Cyan (14%)
- Magenta (30%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DBB2F7 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 DBB2F7 by changing the saturation by 10% instead.



 DBB2F7

 DBB2F7

FFFFFF

 BF97DA

 FFEAFF

 A37DBE

 8964A3

 6E4B89

 55346F

 3D1E56

 25073F

 100029

 000112

 DBB2F7

 DBB2F7

 D199F7

 E5CBF7

 C781F7

 EFE3F7

 BD68F7

 F9FCF7

 B34FF7

 FFFFF7

 A936F7

 9F1EF7

 9505F7

 9300F7

# Harmonies

## Analogous

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



A8BFFF



DBB2F7



FDA8D7

# Triad

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



DBB2F7



ECB87B



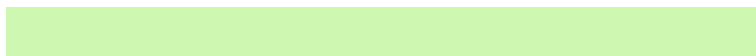
44D5D1

# Complementary

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



DBB2F7



CEF7B2

# 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.



73D4AB



DBB2F7



CAC579

# Square

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



DBB2F7



FFAC91



A1CE8B



37D3F3

# Rectangle

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



DBB2F7



FFA5BE



A1CE8B



53D5C5



# Sweetspot

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



DBB2F7



F7EBFF



B2CFF7



7A7380



000000



808080



# Same Dimension

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



DBB2F7



DCA8FF



F7B2F1



756E7A



6F00BA



23003B



# Inverse Universe

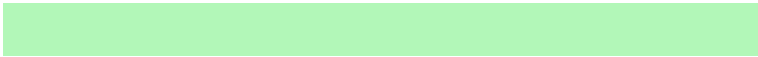
The Inverse Universe completely reimagines the original color for something new.



F7B2CE



FFA8CB



B2F7B8



7A6E73



BA004C

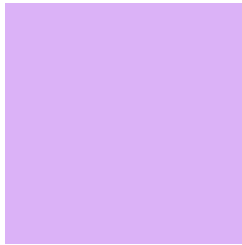


3B0018



# Previews

## White Background



This preview shows how the Hex color DBB2F7 looks on a white background.

## Color Contrast Check

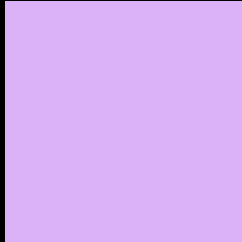
Large Text (above 18pt) WCAG AA × Fail

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 DBB2F7 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 DBB2F7 Background



This preview shows how black text looks on a background with the Hex color DBB2F7.

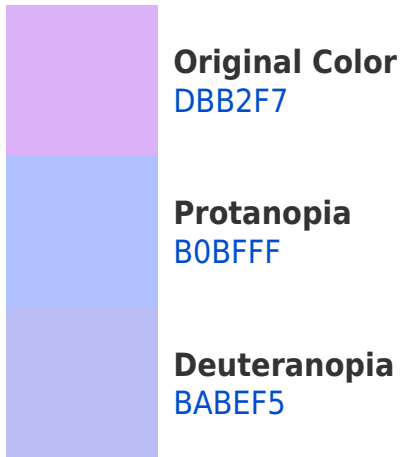


This preview shows how white text looks on a background with the Hex color DBB2F7.

# 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**  
D4BBC9

# Trichromacy



**Original Color**  
DBB2F7

**Protanomaly**  
C0BAFC

**Deuteranomaly**  
C6BAF6

**Tritanomaly**  
D7B8DA

# Monochromacy



**Original Color**  
DBB2F7

**Achromatopsia**  
C6C6C6

**Achromatomaly**  
CEBFD8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DBB2F7 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 #DBB2F7 looks like.

```
.text, #text, p{  
    color:#DBB2F7  
}
```

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 #DBB2F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBB2F7
}
```

## Border

The CSS property to change the border of an element to Hex DBB2F7 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
#DBB2F7 }
```

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

```
.border{ border-color:#DBB2F7 }
```

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

Here you see how a box with a 4 pixel #DBB2F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBB2F7; -webkit-box-shadow:4px 4px  
4px 4px #DBB2F7; box-shadow:4px 4px 4px  
4px #DBB2F7 }
```

# Background

The CSS property to change the background color of an element to Hex DBB2F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBB2F7 }
```

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

```
.background{ background-color:#DBB2F7 }
```

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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