

# Converting Colors

Hex(DB74D7)

Have a look what the booklet for  
Hex(DB74D7) contains.

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# Color

**Hex(DB74D7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB74D7
RGB	219, 116, 215
RGB Percent	86%, 45%, 84%
CMY	0.1412, 0.5451, 0.1569
CMYK	0.00, 0.47, 0.02, 0.14
HSL	302°, 59%, 66%
HSV	302°, 47%, 86%
XYZ	47.7245, 32.4571, 68.0395
YIQ	158.0830, 29.6090, 52.6250

# Conversions

## Conversions Part 2

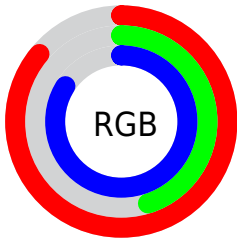
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 116, 215
Decimal	14382295
CIE <sub>Lab</sub>	63.72, 53.79, -33.54
CIE <sub>LCh</sub>	64, 63.393, 328.056
Yxy	32.4571, 0.3220, 0.2190
Android (android.graphics.Color)	4292572375 (0xFFDB74D7)
YUV	158.0830, 28.0601, 53.4242
Hunter-Lab	56.9712, 49.8293, -30.9290

# Details

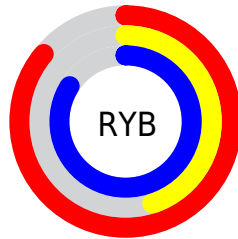
The Hex color **DB74D7** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **74DB78**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFABFF**, and **A23EA0** is the 20% darker color. If you saturate the color by 10%, you get **DB5ED6**, and if you desaturate by 10%, it is **DB8AD8**.

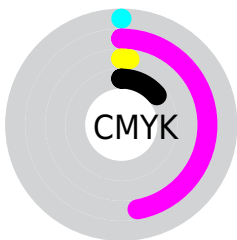
# Distribution



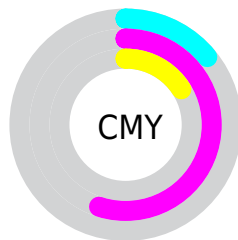
- Red (86%)
- Green (45%)
- Blue (84%)



- Red (86%)
- Yellow (45%)
- Blue (84%)



- Cyan (0%)
- Magenta (47%)
- Yellow (2%)
- Black (14%)



- Cyan (14%)
- Magenta (55%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB74D7 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 DB74D7 by changing the saturation by 10% instead.



 DB74D7

 DB74D7

FFFFFF

 BE59BB

 FFABFF

 A23EA0

 FFC7FF

 862185

 FFE4FF

 6B006C

 500053

 37003C

 1D0025

 00010D

 000000

 DB74D7

 DB74D7

 DB5ED6

 DB8AD8

 DB48D5

 DBA0D9

 DB32D4

 DBB6DA

 DB1CD4

 DBCCDA

 DB07D3

 DBE2DB

 DB00D2

 DBF7DC

 DBFFDD

 DBFFDE

 DBFFDF

# Harmonies

## Analogous

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



938DFF



DB74D7



FC64A0

# Triad

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



DB74D7



BA9619



00B5CE

# Complementary

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



DB74D7



74DB78

# 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.



00B595



DB74D7



83A72C

# Square

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



DB74D7



E58039



2CB05B



00AFFA

# Rectangle

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



DB74D7



FF667B



2CB05B



00B5BC



# Sweetspot

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



DB74D7



FFDBFE



7774DB



806A7F



000000



808080



# Same Dimension

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



DB74D7



FF70F9



DB74A4



6E636D



AD00A7



2E002C



# Inverse Universe

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



DB74D7



FF70F9



74DBAB



6E636D



AD00A7

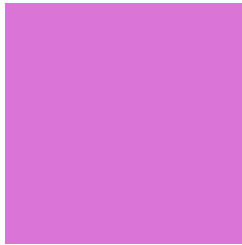


2E002C



# Previews

## White Background



This preview shows how the Hex color DB74D7 looks on a white background.

## Color Contrast Check

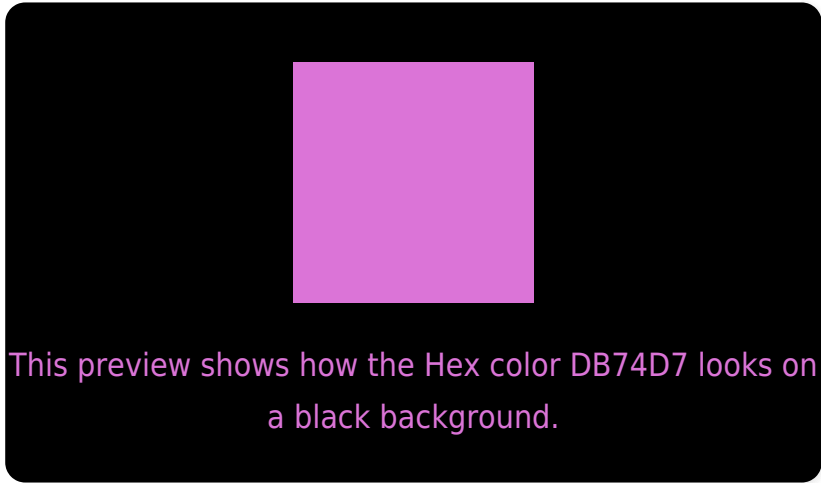
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

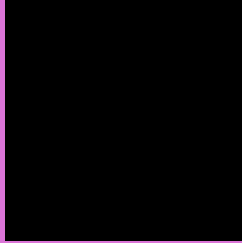
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DB74D7 Background



This preview shows how black text looks on a background with the Hex color DB74D7.

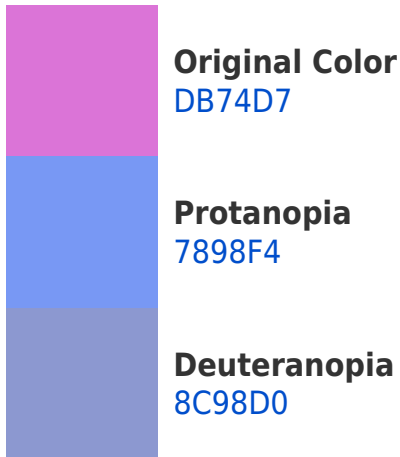


This preview shows how white text looks on a background with the Hex color DB74D7.

# 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](#).

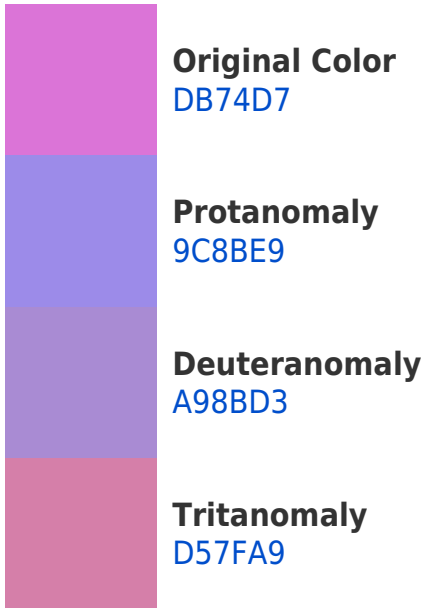
## Dichromacy





**Tritanopia**  
D2858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB74D7 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 #DB74D7 looks like.

```
.text, #text, p{  
    color:#DB74D7  
}
```

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 #DB74D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB74D7
}
```

## Border

The CSS property to change the border of an element to Hex DB74D7 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
#DB74D7 }
```

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

```
.border{ border-color:#DB74D7 }
```

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

Here you see how a box with a 4 pixel #DB74D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB74D7; -webkit-box-shadow:4px 4px  
4px 4px #DB74D7; box-shadow:4px 4px 4px  
4px #DB74D7 }
```

# Background

The CSS property to change the background color of an element to Hex DB74D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB74D7 }
```

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

```
.background{ background-color:#DB74D7 }
```

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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