

# Converting Colors

Hex(DB77B4)

Have a look what the booklet for  
Hex(DB77B4) contains.

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# **Color**

**Hex(DB77B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB77B4
RGB	219, 119, 180
RGB Percent	86%, 47%, 71%
CMY	0.1412, 0.5333, 0.2941
CMYK	0.00, 0.46, 0.18, 0.14
HSL	323°, 58%, 66%
HSV	323°, 46%, 86%
XYZ	44.0485, 31.5490, 46.9480
YIQ	155.8540, 40.0190, 40.1710

# Conversions

## Conversions Part 2

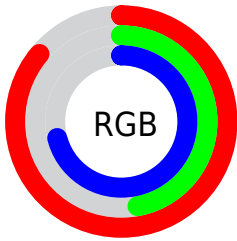
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 119, 180
Decimal	14383028
CIE <sub>Lab</sub>	62.97, 46.55, -14.94
CIE <sub>LCh</sub>	63, 48.890, 342.204
Yxy	31.5490, 0.3594, 0.2574
Android (android.graphics.Color)	4292573108 (0xFFDB77B4)
YUV	155.8540, 11.9040, 55.3790
Hunter-Lab	56.1685, 41.6884, -10.2391

# Details

The Hex color **DB77B4** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **77DB9E**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFAEEC**, and **A2427F** is the 20% darker color. If you saturate the color by 10%, you get **DB61AB**, and if you desaturate by 10%, it is **DB8DBD**.

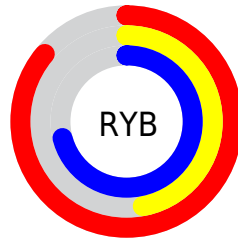
# Distribution



Red (86%)

Green (47%)

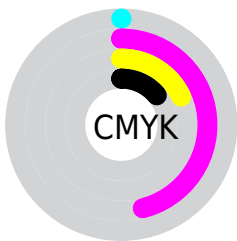
Blue (71%)



Red (86%)

Yellow (47%)

Blue (71%)

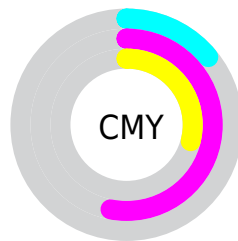


Cyan (0%)

Magenta (46%)

Yellow (18%)

Black (14%)



Cyan (14%)

Magenta (53%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB77B4 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 DB77B4 by changing the saturation by 10% instead.



 DB77B4

 DB77B4

FFFFFF

 BE5D99

 FFAEEC

 A2427F

 FFCAFF

 862766

 FFE6FF

 6B054E

 510037

 380022

 1C0008

 000000

 DB77B4

 DB77B4

 DB61AB

 DB8DBD

 DB4BA3

 DBA3C5

 DB359A

 DBB9CE

 DB1F92

 DBCFD6

 DB0A89

 DBE4DF

 DB0086

 DBFAE7

 DBFFF0

 DBFFF8

 DBFFFF

# Harmonies

## Analogous

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



B386D9



DB77B4



EA7388

# Triad

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



DB77B4



A19C3F



00ACD2

# Complementary

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



DB77B4



77DB9E

# 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.



00AEA9



DB77B4



71A655

# Square

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



DB77B4



C78D44



26AC7C



00A4EB

# Rectangle

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



DB77B4



E7786C



26AC7C



00ADC5



# Sweetspot

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



DB77B4



FFDBF1



9D77DB



806A77



000000



808080



# Same Dimension

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



DB77B4



FF73C8



DB7783



6E6369



AD006A



2E001C



# Inverse Universe

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



DB77B4



FF73C8



77DBC F



6E6369



AD006A



2E001C



# Previews

## White Background



This preview shows how the Hex color DB77B4 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 DB77B4 Background



This preview shows how black text looks on a background with the Hex color DB77B4.

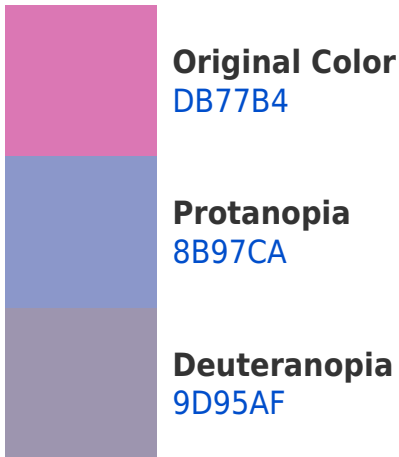


This preview shows how white text looks on a background with the Hex color DB77B4.

# 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**  
D68089

# Trichromacy



**Original Color**  
DB77B4



**Protanomaly**  
A88BC2



**Deuteranomaly**  
B48AB1

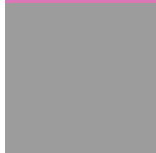


**Tritanomaly**  
D87D99

# Monochromacy



**Original Color**  
DB77B4



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
B38FA5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB77B4 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 #DB77B4 looks like.

```
.text, #text, p{  
    color:#DB77B4  
}
```

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 #DB77B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB77B4
}
```

## Border

The CSS property to change the border of an element to Hex DB77B4 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
#DB77B4 }
```

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

```
.border{ border-color:#DB77B4 }
```

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

Here you see how a box with a 4 pixel #DB77B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB77B4; -webkit-box-shadow:4px 4px  
4px 4px #DB77B4; box-shadow:4px 4px 4px  
4px #DB77B4 }
```

# Background

The CSS property to change the background color of an element to Hex DB77B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB77B4 }
```

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

```
.background{ background-color:#DB77B4 }
```

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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