

Converting Colors

Hex(DB77BB)

Have a look what the booklet for
Hex(DB77BB) contains.

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Color

Hex(DB77BB)

Conversions

Conversions Part 1

Format	Color
Hex	DB77BB
RGB	219, 119, 187
RGB Percent	86%, 47%, 73%
CMY	0.1412, 0.5333, 0.2667
CMYK	0.00, 0.46, 0.15, 0.14
HSL	319°, 58%, 66%
HSV	319°, 46%, 86%
XYZ	44.7799, 31.8416, 50.7996
YIQ	156.6520, 37.7720, 42.3480

Conversions

Conversions Part 2

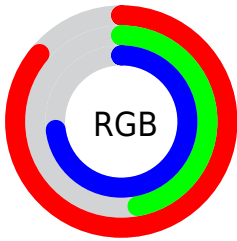
Format	Color
R_{YB}	219, 119, 187
Decimal	14383035
CIE _{Lab}	63.21, 47.63, -18.55
CIE _{LCh}	63, 51.115, 338.725
Yxy	31.8416, 0.3514, 0.2499
Android (android.graphics.Color)	4292573115 (0xFFDB77BB)
YUV	156.6520, 14.9616, 54.6792
Hunter-Lab	56.4283, 42.9028, -13.8760

Details

The Hex color **DB77BB** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **77DB97**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFAEF3**, and **A24286** is the 20% darker color. If you saturate the color by 10%, you get **DB61B4**, and if you desaturate by 10%, it is **DB8DC2**.

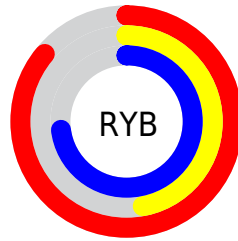
Distribution



Red (86%)

Green (47%)

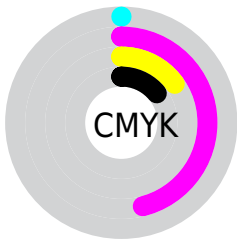
Blue (73%)



Red (86%)

Yellow (47%)

Blue (73%)

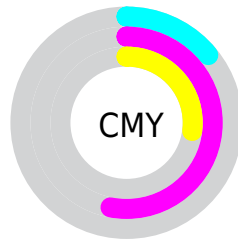


Cyan (0%)

Magenta (46%)

Yellow (15%)

Black (14%)



Cyan (14%)

Magenta (53%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB77BB 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 DB77BB by changing the saturation by 10% instead.

 DB77BB

 DB77BB

FFFFFF

 BE5CA0

 FFAEF3

 A24286

 FFCAFF

 86276C

 FFE7FF

 6B0454

 51003D

 380027

 1D0010

 000000

 DB77BB

 DB77BB

 DB61B4

 DB8DC2

 DB4BAD

 DBA3C9

 DB35A6

 DBB9D0

 DB1F9F

 DBCFD7

 DB0A98

 DBE4DE

 DB0095

 DBFAE5

 DBFFEC

 DBFFF3

 DBFFFA

Harmonies

Analogous

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



AE88E0



DB77BB



ED718D

Triad

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



DB77BB



A69B3A



00AED1

Complementary

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



DB77BB



77DB97

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.



00B0A5



DB77BB



75A74F

Square

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



DB77BB



CD8B43



2BAD76



00A7ED

Rectangle

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



DB77BB



EC7670



2BAD76



00AFC3

Sweetspot

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



DB77BB



FFDBF4



9777DB



806A79



000000



808080

Same Dimension

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



DB77BB



FF73D2



DB7789



6E636A



AD0076



2E001F

Inverse Universe

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



DB77BB



FF73D2



77DBC9



6E636A



AD0076



2E001F

Previews

White Background



This preview shows how the Hex color DB77BB 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

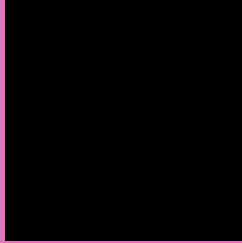
Any Text WCAG AA ✓ Pass

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 DB77BB Background



This preview shows how black text looks on a background with the Hex color DB77BB.



This preview shows how white text looks on a background with the Hex color DB77BB.

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
D6818B

Trichromacy



Original Color
DB77BB



Protanomaly
A68BCA



Deuteranomaly
B28BB8

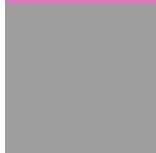


Tritanomaly
D87D9C

Monochromacy



Original Color
DB77BB



Achromatopsia
9D9D9D



Achromatomaly
B48FA8

CSS Examples

Text

The CSS property to change the color of the text to Hex DB77BB 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 #DB77BB looks like.

```
.text, #text, p{  
    color:#DB77BB  
}
```

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 #DB77BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB77BB  
}
```

Border

The CSS property to change the border of an element to Hex DB77BB 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  
#DB77BB }
```

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

```
.border{ border-color:#DB77BB }
```

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

Here you see how a box with a 4 pixel #DB77BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB77BB; -webkit-box-shadow:4px 4px  
4px 4px #DB77BB; box-shadow:4px 4px 4px  
4px #DB77BB }
```

Background

The CSS property to change the background color of an element to Hex DB77BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB77BB }
```

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

```
.background{ background-color:#DB77BB }
```

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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