

Converting Colors

Hex(DB76CE)

Have a look what the booklet for
Hex(DB76CE) contains.

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Color

Hex(DB76CE)

Conversions

Conversions Part 1

Format	Color
Hex	DB76CE
RGB	219, 118, 206
RGB Percent	86%, 46%, 81%
CMY	0.1412, 0.5373, 0.1922
CMYK	0.00, 0.46, 0.06, 0.14
HSL	308°, 58%, 66%
HSV	308°, 46%, 86%
XYZ	46.8324, 32.4732, 62.1921
YIQ	158.2310, 31.9480, 48.7800

Conversions

Conversions Part 2

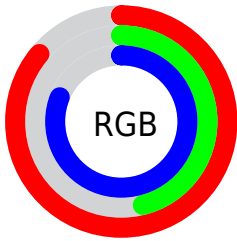
Format	Color
RYB	219, 118, 206
Decimal	14382798
CIELab	63.73, 51.24, -28.47
CIElCh	64, 58.623, 330.943
Yxy	32.4732, 0.3310, 0.2295
Android (android.graphics.Color)	4292572878 (0xFFDB76CE)
YUV	158.2310, 23.5501, 53.2944
Hunter-Lab	56.9852, 46.9733, -24.8178

Details

The Hex color **DB76CE** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **76DB83**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFADFF**, and **A24197** is the 20% darker color. If you saturate the color by 10%, you get **DB60CB**, and if you desaturate by 10%, it is **DB8CD1**.

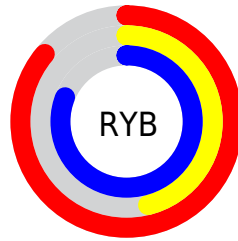
Distribution



Red (86%)

Green (46%)

Blue (81%)



Red (86%)

Yellow (46%)

Blue (81%)

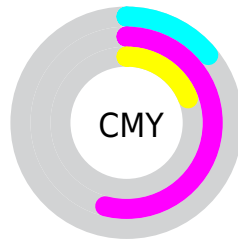


Cyan (0%)

Magenta (46%)

Yellow (6%)

Black (14%)



Cyan (14%)

Magenta (54%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB76CE 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 DB76CE by changing the saturation by 10% instead.

 DB76CE

 DB76CE

FFFFFF

 BE5BB2

 FFADFF

 A24197

 FFC9FF

 86257D

 FFE6FF

 6B0064

 51004C

 380035

 1E001F

 000001

 000000

 DB76CE

 DB76CE

 DB60CB

 DB8CD1

 DB4AC8

 DBA2D4

 DB34C6

 DBB8D6

 DB1EC3

 DBCED9

 DB09C0

 DBE4DC

 DB00BF

 DBF9DF

 DBFFE2

 DBFFE5

 DBFFE7

Harmonies

Analogous

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



9D8CF4



DB76CE



F76A9B

Triad

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



DB76CE



B59828



00B3CF

Complementary

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



DB76CE



76DB83

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.



00B39A



DB76CE



80A73A

Square

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



DB76CE



DE853E



30B065



00ADF5

Rectangle

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



DB76CE



FA6D78



30B065



00B4BE

Sweetspot

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



DB76CE



FFDBFA



8276DB



806A7D



000000



808080

Same Dimension

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



DB76CE



FF73ED



DB769D



6E636C



AD0097



2E0028

Inverse Universe

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



DB76CE



FF73ED



76DBB4



6E636C



AD0097



2E0028

Previews

White Background



This preview shows how the Hex color DB76CE 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

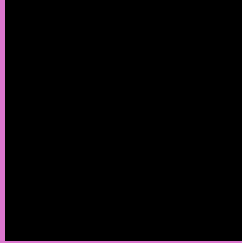
Any Text WCAG AA ✓ Pass

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 DB76CE Background



This preview shows how black text looks on a background with the Hex color DB76CE.




This preview shows how white text looks on a background with the Hex color DB76CE.

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](#).

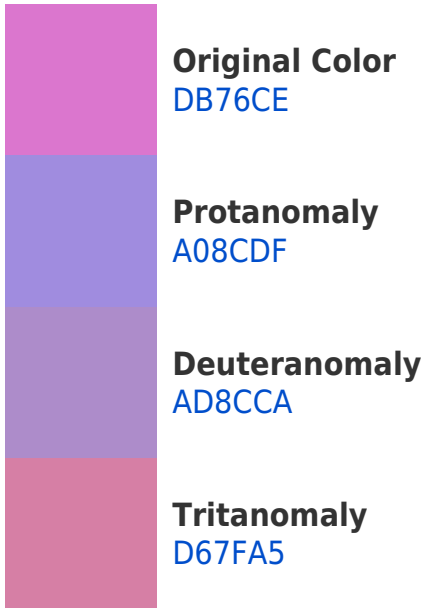
Dichromacy





Tritanopia
D3848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB76CE 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 #DB76CE looks like.

```
.text, #text, p{  
    color:#DB76CE  
}
```

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 #DB76CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB76CE
}
```

Border

The CSS property to change the border of an element to Hex DB76CE 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
#DB76CE }
```

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

```
.border{ border-color:#DB76CE }
```

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

Here you see how a box with a 4 pixel #DB76CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB76CE; -webkit-box-shadow:4px 4px  
4px 4px #DB76CE; box-shadow:4px 4px 4px  
4px #DB76CE }
```

Background

The CSS property to change the background color of an element to Hex DB76CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB76CE }
```

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

```
.background{ background-color:#DB76CE }
```

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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