

Converting Colors

Hex(DB4CBC)

Have a look what the booklet for
Hex(DB4CBC) contains.

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Color

Hex(DB4CBC)

Conversions

Conversions Part 1

Format	Color
Hex	DB4CBC
RGB	219, 76, 188
RGB Percent	86%, 30%, 74%
CMY	0.1412, 0.7020, 0.2627
CMYK	0.00, 0.65, 0.14, 0.14
HSL	313°, 67%, 58%
HSV	313°, 65%, 86%
XYZ	40.8750, 23.8598, 50.0280
YIQ	131.5250, 49.2760, 65.1480

Conversions

Conversions Part 2

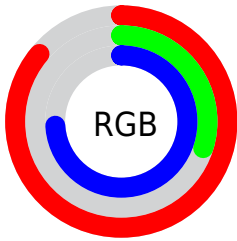
Format	Color
R_{YB}	219, 76, 188
Decimal	14372028
CIE _{Lab}	55.95, 67.29, -30.28
CIE _{LCh}	56, 73.790, 335.771
Yxy	23.8598, 0.3562, 0.2079
Android (android.graphics.Color)	4292562108 (0xFFDB4CBC)
YUV	131.5250, 27.8422, 76.7156
Hunter-Lab	48.8465, 63.8883, -26.5316

Details

The Hex color **DB4CBC** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **4CDB6B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF86F5**, and **A00086** is the 20% darker color. If you saturate the color by 10%, you get **DB36B7**, and if you desaturate by 10%, it is **DB62C1**.

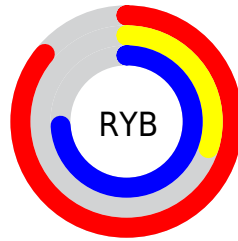
Distribution



Red (86%)

Green (30%)

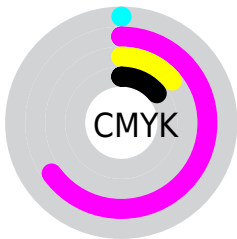
Blue (74%)



Red (86%)

Yellow (30%)

Blue (74%)

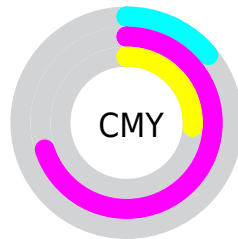


Cyan (0%)

Magenta (65%)

Yellow (14%)

Black (14%)



Cyan (14%)

Magenta (70%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB4CBC 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 DB4CBC by changing the saturation by 10% instead.

 DB4CBC

 DB4CBC

FFFFFF

 BD2CA1

 FF86F5

 A00086

 FFA3FF

 84006D

 FFC0FF

 680054

 FFDDFF

 4C003D

 FFFBFF

 320026

 0B000E

 000000

 DB4CBC

 DB4CBC

 DB36B7

 DB62C1

 DB20B3

 DB78C5

 DB0AAE

 DB8ECA

 DB00AC

 DBA4CF

 DBBAD4

 DBCFD8

 DBE5DD

 DBFBE2

 DBFFE7

Harmonies

Analogous

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



946FEF



DB4CBC



F5397D

Triad

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



DB4CBC



978700



00A1D0

Complementary

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



DB4CBC



4CDB6B

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.



00A291



DB4CBC



529700

Square

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



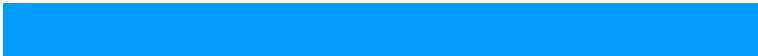
DB4CBC



CA6F00



009F4E



009BFB

Rectangle

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



DB4CBC



F34453



009F4E



00A2BC

Sweetspot

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



DB4CBC



FFCCF4



6B4CDB



806179



000000



808080

Same Dimension

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



DB4CBC



FF38D4



DB4C75



6E636B



AD0088



2E0024

Inverse Universe

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



DB4CBC



FF38D4



4CDDB2



6E636B



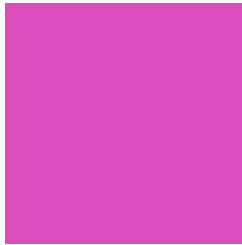
AD0088



2E0024

Previews

White Background



This preview shows how the Hex color DB4CBC looks on a white background.

Color Contrast Check

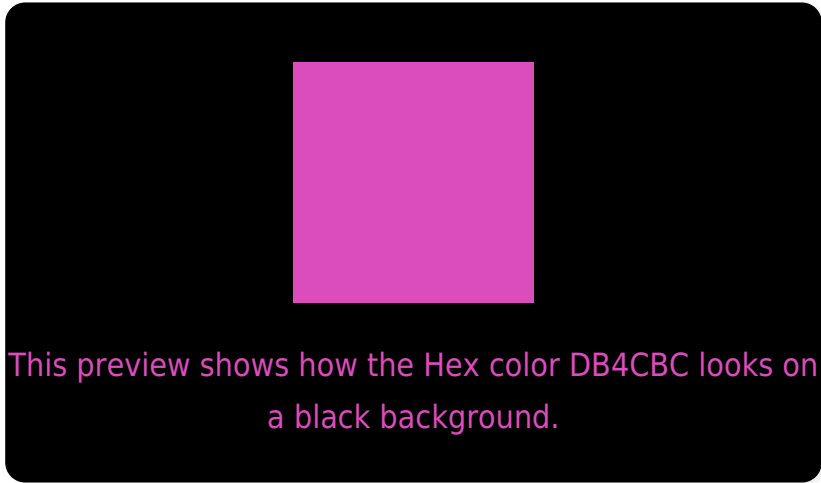
Large Text (above 18pt) WCAG AA ✓ Pass

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

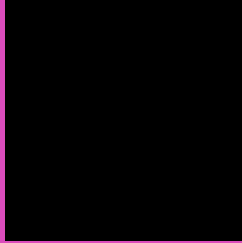
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex DB4CBC Background



This preview shows how black text looks on a background with the Hex color DB4CBC.




This preview shows how white text looks on a background with the Hex color DB4CBC.

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



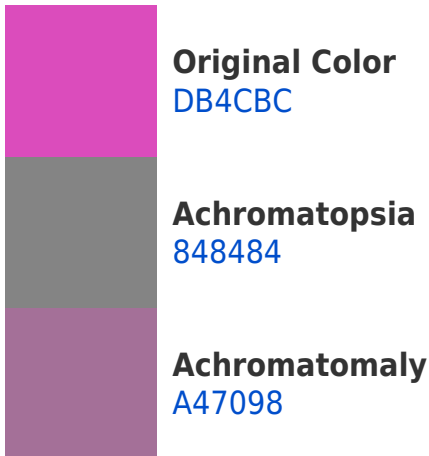


Tritanopia
D3636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DB4CBC 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 #DB4CBC looks like.

```
.text, #text, p{  
    color:#DB4CBC  
}
```

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 #DB4CBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB4CBC
}
```

Border

The CSS property to change the border of an element to Hex DB4CBC 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
#DB4CBC }
```

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

```
.border{ border-color:#DB4CBC }
```

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

Here you see how a box with a 4 pixel #DB4CBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB4CBC; -webkit-box-shadow:4px 4px  
4px 4px #DB4CBC; box-shadow:4px 4px 4px  
4px #DB4CBC }
```

Background

The CSS property to change the background color of an element to Hex DB4CBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB4CBC }
```

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

```
.background{ background-color:#DB4CBC }
```

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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