

# Converting Colors

Hex(DB42CC)

Have a look what the booklet for  
Hex(DB42CC) contains.

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# Color

Hex(DB42CC)

# Conversions

## Conversions Part 1

Format	Color
Hex	DB42CC
RGB	219, 66, 204
RGB Percent	86%, 26%, 80%
CMY	0.1412, 0.7412, 0.2000
CMYK	0.00, 0.70, 0.07, 0.14
HSL	306°, 68%, 56%
HSV	306°, 70%, 86%
XYZ	42.0607, 23.3161, 59.4104
YIQ	127.4790, 46.8900, 75.3540

# Conversions

## Conversions Part 2

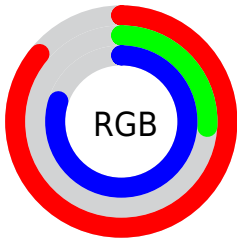
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	219, 66, 204
Decimal	14369484
CIE Lab	55.40, 73.28, -40.33
CIE LCh	55, 83.644, 331.172
Yxy	23.3161, 0.3371, 0.1868
Android (android.graphics.Color)	4292559564 (0xFFDB42CC)
YUV	127.4790, 37.7249, 80.2639
Hunter-Lab	48.2868, 70.9825, -39.1476

# Details

The Hex color **DB42CC** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **42DB51**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF7EFF**, and **A00095** is the 20% darker color. If you saturate the color by 10%, you get **DB2CCA**, and if you desaturate by 10%, it is **DB58CE**.

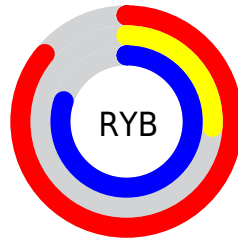
# Distribution



Red (86%)

Green (26%)

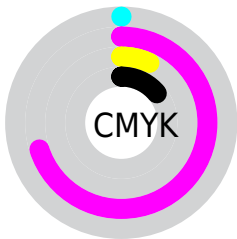
Blue (80%)



Red (86%)

Yellow (26%)

Blue (80%)

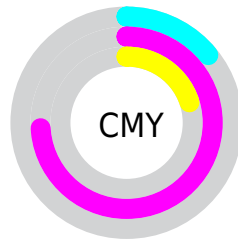


Cyan (0%)

Magenta (70%)

Yellow (7%)

Black (14%)



Cyan (14%)

Magenta (74%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB42CC 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 DB42CC by changing the saturation by 10% instead.



 DB42CC

 DB42CC

FFFFFF

 BD1CB0

 FF7EFF

 A00095

 FF9BFF

 83007B

 FFB9FF

 670062

 FFD6FF

 4B0049

 FFF4FF

 310032

 09001C

 000000

 DB42CC

 DB42CC

 DB2CCA

 DB58CE

 DB16C8

 DB6ED0

 DB00C6

 DB84D2

 DB9AD5

 DBB0D7

 DBC5D9

 DBDBDB

 DBF1DD

 DBFFDF

# Harmonies

## Analogous

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



7E6FFF



DB42CC



FF1185

# Triad

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



DB42CC



9E8300



00A3CF

# Complementary

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



DB42CC



42DB51

# 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.



00A386



DB42CC



549500

# Square

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



DB42CC



D66400



009F38



009DFF

# Rectangle

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



DB42CC



FF2656



009F38



00A3B7



# Sweetspot

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



DB42CC



FFC9FA



4F42DB



80607C



000000



808080



# Same Dimension

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



DB42CC



FF29EA



DB4282



6E636D



AD009C



2E0029



# Inverse Universe

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



DB42CC



FF29EA



42DB9B



6E636D



AD009C

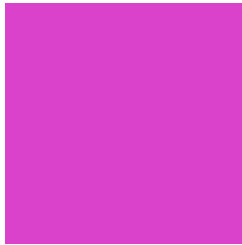


2E0029



# Previews

## White Background



This preview shows how the Hex color DB42CC looks on a white background.

## Color Contrast Check

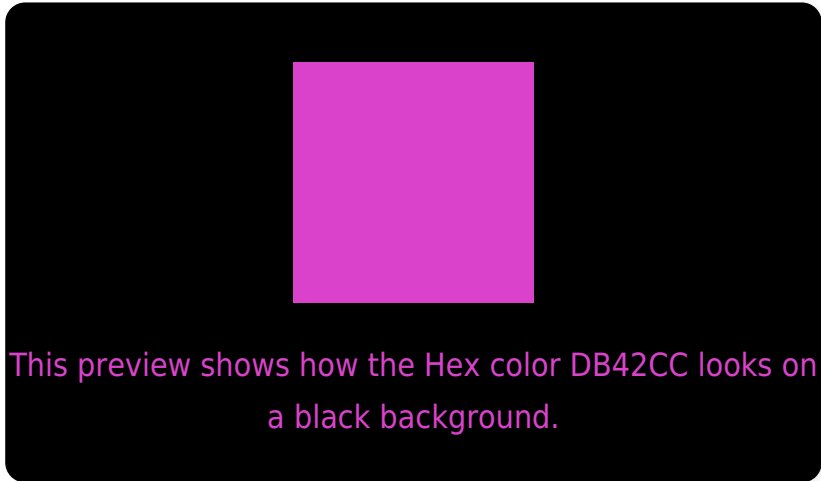
Large Text (above 18pt) WCAG AA ✓ Pass

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

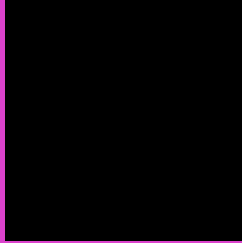
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DB42CC Background



This preview shows how black text looks on a background with the Hex color DB42CC.

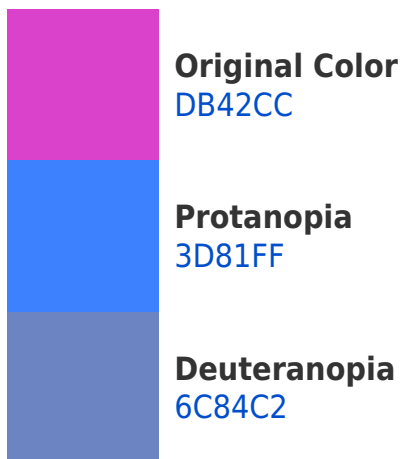



This preview shows how white text looks on a background with the Hex color DB42CC.

# 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**  
D16269

# Trichromacy



**Original Color**  
DB42CC



**Protanomaly**  
766AEC



**Deuteranomaly**  
946CC6



**Tritanomaly**  
D5568D

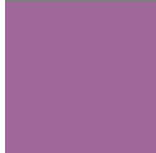
# Monochromacy



**Original Color**  
DB42CC



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
A0699B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB42CC 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 #DB42CC looks like.

```
.text, #text, p{  
    color:#DB42CC  
}
```

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 #DB42CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB42CC
}
```

## Border

The CSS property to change the border of an element to Hex DB42CC 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
#DB42CC }
```

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

```
.border{ border-color:#DB42CC }
```

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

Here you see how a box with a 4 pixel #DB42CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB42CC; -webkit-box-shadow:4px 4px  
4px 4px #DB42CC; box-shadow:4px 4px 4px  
4px #DB42CC }
```

# Background

The CSS property to change the background color of an element to Hex DB42CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB42CC }
```

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

```
.background{ background-color:#DB42CC }
```

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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