

# Converting Colors

Hex(DB42C2)

Have a look what the booklet for  
Hex(DB42C2) contains.

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# Color

Hex(DB42C2)

# Conversions

## Conversions Part 1

Format	Color
Hex	DB42C2
RGB	219, 66, 194
RGB Percent	86%, 26%, 76%
CMY	0.1412, 0.7412, 0.2392
CMYK	0.00, 0.70, 0.11, 0.14
HSL	310°, 68%, 56%
HSV	310°, 70%, 86%
XYZ	40.8992, 22.8515, 53.2941
YIQ	126.3390, 50.1000, 72.2440

# Conversions

## Conversions Part 2

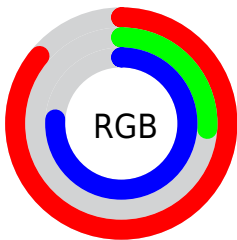
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	219, 66, 194
Decimal	14369474
CIE <sub>Lab</sub>	54.92, 71.80, -35.34
CIE <sub>LCh</sub>	55, 80.023, 333.790
Yxy	22.8515, 0.3494, 0.1952
Android (android.graphics.Color)	4292559554 (0xFFDB42C2)
YUV	126.3390, 33.3569, 81.2637
Hunter-Lab	47.8033, 69.0642, -32.6379

# Details

The Hex color **DB42C2** 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 **42DB5B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF7EFB**, and **A0008C** is the 20% darker color. If you saturate the color by 10%, you get **DB2CBE**, and if you desaturate by 10%, it is **DB58C6**.

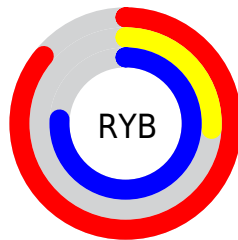
# Distribution



Red (86%)

Green (26%)

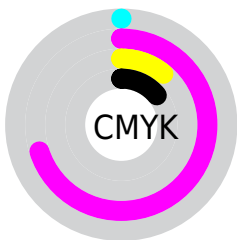
Blue (76%)



Red (86%)

Yellow (26%)

Blue (76%)

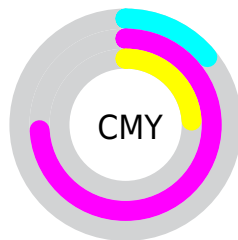


Cyan (0%)

Magenta (70%)

Yellow (11%)

Black (14%)



Cyan (14%)

Magenta (74%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB42C2 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 DB42C2 by changing the saturation by 10% instead.



 DB42C2

 DB42C2

FFFFFF

 BD1CA7

 FF7EFB

 A0008C

 FF9BFF

 830072

 FFB8FF

 670059

 FFD6FF

 4C0041

 FFF4FF

 31002A

 070014

 000000

 DB42C2

 DB42C2

 DB2CBE

 DB58C6

 DB16BB

 DB6EC9

 DB00B7

 DB84CD

 DB9AD0

 DBB0D4

 DBC5D7

 DBDBDB

 DBF1DF

 DBFFE2

# Harmonies

## Analogous

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



896CF8



DB42C2



FA217E

# Triad

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



DB42C2



978400



00A1CF

# Complementary

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



DB42C2



42DB5B

# 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.



00A18B



DB42C2



4E9500

# Square

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



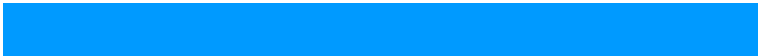
DB42C2



CE6800



009D41



009AFF

# Rectangle

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



DB42C2



F83251



009D41



00A1BA



# Sweetspot

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



DB42C2



FFC9F6



5942DB



80607A



000000



808080



# Same Dimension

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



DB42C2



FF29DC



DB4278



6E636C



AD0091



2E0026



# Inverse Universe

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



DB42C2



FF29DC



42DBA5



6E636C



AD0091



2E0026



# Previews

## White Background



This preview shows how the Hex color DB42C2 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

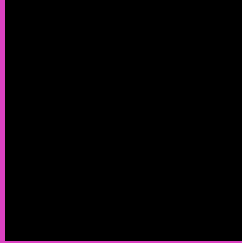
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DB42C2 Background



This preview shows how black text looks on a background with the Hex color DB42C2.



This preview shows how white text looks on a background with the Hex color DB42C2.

# 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**  
D25F65

# Trichromacy



**Original Color**  
DB42C2



**Protanomaly**  
7B69E4



**Deuteranomaly**  
986BBC



**Tritanomaly**  
D55487

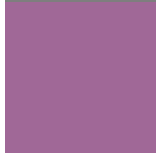
# Monochromacy



**Original Color**  
DB42C2



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
A06897

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB42C2 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 #DB42C2 looks like.

```
.text, #text, p{  
    color:#DB42C2  
}
```

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 #DB42C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB42C2
}
```

## Border

The CSS property to change the border of an element to Hex DB42C2 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
#DB42C2 }
```

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

```
.border{ border-color:#DB42C2 }
```

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

Here you see how a box with a 4 pixel #DB42C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB42C2; -webkit-box-shadow:4px 4px  
4px 4px #DB42C2; box-shadow:4px 4px 4px  
4px #DB42C2 }
```

# Background

The CSS property to change the background color of an element to Hex DB42C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB42C2 }
```

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

```
.background{ background-color:#DB42C2 }
```

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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