

# Converting Colors

Hex(DB449B)

Have a look what the booklet for  
Hex(DB449B) contains.

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**Color**

**Hex(DB449B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB449B
RGB	219, 68, 155
RGB Percent	86%, 27%, 61%
CMY	0.1412, 0.7333, 0.3922
CMYK	0.00, 0.69, 0.29, 0.14
HSL	325°, 68%, 56%
HSV	325°, 69%, 86%
XYZ	37.1969, 21.5609, 33.2115
YIQ	123.0670, 62.0690, 59.0690

# Conversions

## Conversions Part 2

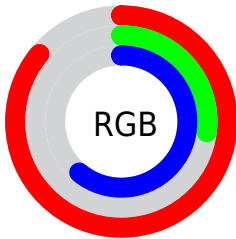
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 68, 155
Decimal	14369947
CIE <sub>Lab</sub>	53.56, 65.91, -14.70
CIE <sub>LCh</sub>	54, 67.530, 347.426
Yxy	21.5609, 0.4044, 0.2344
Android (android.graphics.Color)	4292560027 (0xFFDB449B)
YUV	123.0670, 15.7430, 84.1332
Hunter-Lab	46.4337, 61.7332, -9.9034

# Details

The Hex color **DB449B** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **44DB84**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF7FD1**, and **A00068** is the 20% darker color. If you saturate the color by 10%, you get **DB2E92**, and if you desaturate by 10%, it is **DB5AA4**.

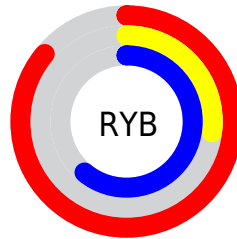
# Distribution



Red (86%)

Green (27%)

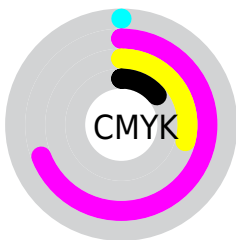
Blue (61%)



Red (86%)

Yellow (27%)

Blue (61%)

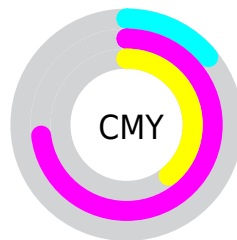


Cyan (0%)

Magenta (69%)

Yellow (29%)

Black (14%)



Cyan (14%)

Magenta (73%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB449B 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 DB449B by changing the saturation by 10% instead.



 DB449B

 DB449B

FFFFFF

 BD2281

 FF7FD1

 A00068

 FF9BEE

 830050

 FFB8FF

 660039

 FFD5FF

 4B0023

 FFF3FF

 30000A

 000000

 DB449B

 DB449B

 DB2E92

 DB5AA4

 DB1888

 DB70AE

 DB027F

 DB86B7

 DB007E

 DB9CC0

 DBB2C9

 DBC7D3

 DBDDDC

 DBF3E5

 DBFFEF

# Harmonies

## Analogous

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



AC5FD0



DB449B



E64261

# Triad

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



DB449B



7A8800



0097D5

# Complementary

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



DB449B



44DB84

# 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.



009AA1



DB449B



2D9328

# Square

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



DB449B



AE7400



009965



008EF2

# Rectangle

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



DB449B



DD513C



009965



0099C6



# Sweetspot

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



DB449B



FFC9E8



8344DB



806072



000000



808080



# Same Dimension

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



DB449B



FF2BA5



DB4451



6E6369



AD0064



2E001A



# Inverse Universe

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



DB449B



FF2BA5



44DBCE



6E6369



AD0064



2E001A



# Previews

## White Background



This preview shows how the Hex color DB449B looks on a white background.

## Color Contrast Check

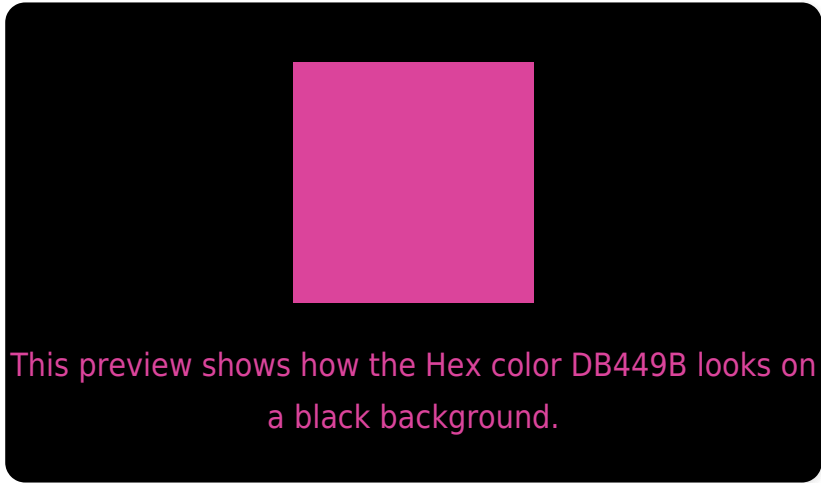
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB449B Background



This preview shows how black text looks on a background with the Hex color DB449B.



This preview shows how white text looks on a background with the Hex color DB449B.

# 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



**Original Color**  
DB449B

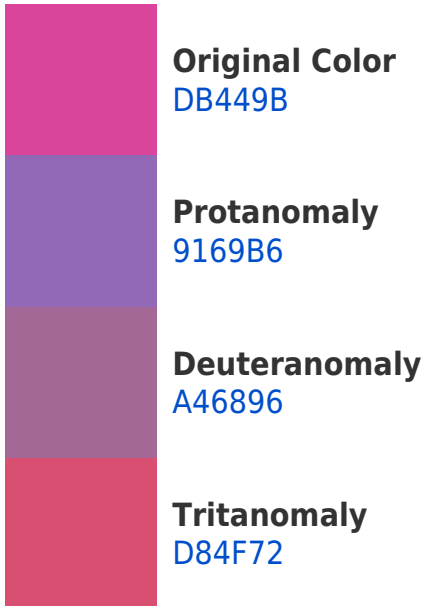
**Protanopia**  
677EC5

**Deuteranopia**  
847D93

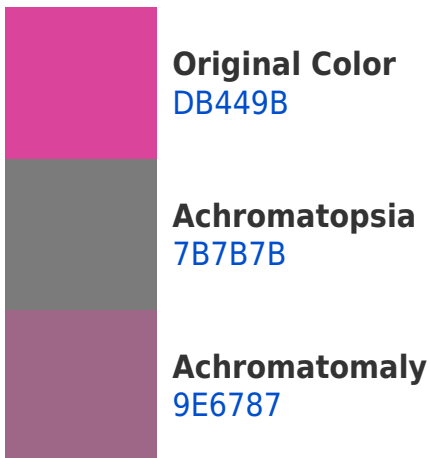


**Tritanopia**  
D6555B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB449B 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 #DB449B looks like.

```
.text, #text, p{  
    color:#DB449B  
}
```

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 #DB449B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB449B
}
```

## Border

The CSS property to change the border of an element to Hex DB449B 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
#DB449B }
```

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

```
.border{ border-color:#DB449B }
```

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

Here you see how a box with a 4 pixel #DB449B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB449B; -webkit-box-shadow:4px 4px  
4px 4px #DB449B; box-shadow:4px 4px 4px  
4px #DB449B }
```

# Background

The CSS property to change the background color of an element to Hex DB449B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB449B }
```

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

```
.background{ background-color:#DB449B }
```

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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