

# Converting Colors

Hex(DB649E)

Have a look what the booklet for  
Hex(DB649E) contains.

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# **Color**

**Hex(DB649E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB649E
RGB	219, 100, 158
RGB Percent	86%, 39%, 62%
CMY	0.1412, 0.6078, 0.3804
CMYK	0.00, 0.54, 0.28, 0.14
HSL	331°, 62%, 63%
HSV	331°, 54%, 86%
XYZ	39.9421, 26.6430, 35.3852
YIQ	142.1930, 52.3060, 43.2660

# Conversions

## Conversions Part 2

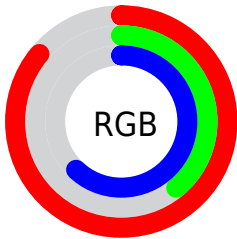
Format	Color
R <sub>Y</sub> B	219, 100, 158
Decimal	14378142
CIE Lab	58.64, 52.78, -8.81
CIE LCh	59, 53.509, 350.523
Yxy	26.6430, 0.3917, 0.2613
Android (android.graphics.Color)	4292568222 (0xFFDB649E)
YUV	142.1930, 7.7929, 67.3597
Hunter-Lab	51.6169, 47.7972, -4.5136

# Details

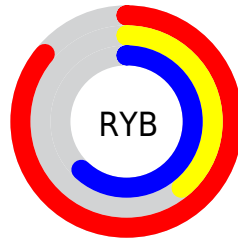
The Hex color **DB649E** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **64DBA1**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF9BD5**, and **A12C6B** is the 20% darker color. If you saturate the color by 10%, you get **DB4E93**, and if you desaturate by 10%, it is **DB7AA9**.

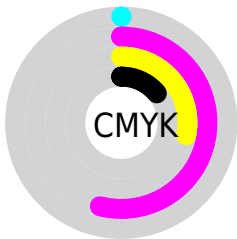
# Distribution



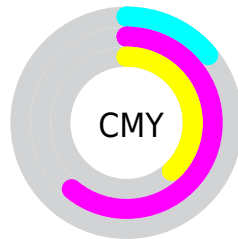
- Red (86%)
- Green (39%)
- Blue (62%)



- Red (86%)
- Yellow (39%)
- Blue (62%)



- Cyan (0%)
- Magenta (54%)
- Yellow (28%)
- Black (14%)



- Cyan (14%)
- Magenta (61%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB649E 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 DB649E by changing the saturation by 10% instead.



 DB649E

 DB649E

FFFFFF

 BE4984

 FF9BD5

 A12C6B

 FFB7F1

 850652

 FFD4FF

 69003B

 FFF1FF

 4D0026

 350011

 0A0000

 000000

 DB649E

 DB649E

 DB4E93

 DB7AA9

 DB3888

 DB90B4

 DB227C

 DBA6C0

 DB0C71

 DBBCCB

 DB006B

 DBD2D6

 DBE7E1

 DBFDED

 DBFFF8

 DBFFFF

# Harmonies

## Analogous

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



B873C9



DB649E



E3646F

# Triad

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



DB649E



87942E



00A0D5

# Complementary

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



DB649E



64DBA1

# 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.



00A4AD



DB649E



4E9E4E

# Square

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



DB649E



B3852B



00A37C



0097E9

# Rectangle

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



DB649E



DB6D52



00A37C



00A2C9



# Sweetspot

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



DB649E



FFD6EA



A064DB



806773



000000



808080



# Same Dimension

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



DB649E



FF59AA



DB6464



6E6368



AD0055



2E0016



# Inverse Universe

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



DB649E



FF59AA



64DBDB



6E6368



AD0055



2E0016



# Previews

## White Background



This preview shows how the Hex color DB649E looks on a white background.

## Color Contrast Check

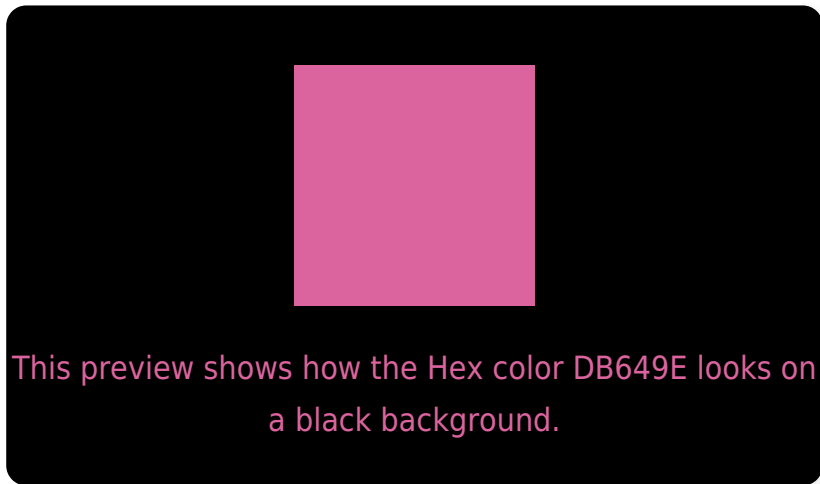
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB649E Background



This preview shows how black text looks on a background with the Hex color DB649E.



This preview shows how white text looks on a background with the Hex color DB649E.

# 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**  
D76D74

# Trichromacy



**Original Color**  
DB649E



**Protanomaly**  
A27DAF



**Deuteranomaly**  
AF7C9A



**Tritanomaly**  
D86A83

# Monochromacy



**Original Color**  
DB649E



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
AA7F94

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB649E 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 #DB649E looks like.

```
.text, #text, p{  
    color:#DB649E  
}
```

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 #DB649E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB649E
}
```

## Border

The CSS property to change the border of an element to Hex DB649E 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
#DB649E }
```

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

```
.border{ border-color:#DB649E }
```

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

Here you see how a box with a 4 pixel #DB649E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB649E; -webkit-box-shadow:4px 4px  
4px 4px #DB649E; box-shadow:4px 4px 4px  
4px #DB649E }
```

# Background

The CSS property to change the background color of an element to Hex DB649E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB649E }
```

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

```
.background{ background-color:#DB649E }
```

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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