

# Converting Colors

Hex(DC599D)

Have a look what the booklet for  
Hex(DC599D) contains.

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# Color

Hex(DC599D)

# Conversions

## Conversions Part 1

Format	Color
Hex	DC599D
RGB	220, 89, 157
RGB Percent	86%, 35%, 62%
CMY	0.1373, 0.6510, 0.3843
CMYK	0.00, 0.60, 0.29, 0.14
HSL	329°, 65%, 61%
HSV	329°, 60%, 86%
XYZ	39.1734, 24.7947, 34.6195
YIQ	135.9210, 56.2480, 48.9200

# Conversions

## Conversions Part 2

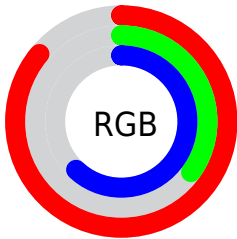
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	220, 89, 157
Decimal	14440861
CIE Lab	56.87, 57.98, -10.86
CIE LCh	57, 58.988, 349.392
Yxy	24.7947, 0.3973, 0.2515
Android (android.graphics.Color)	4292630941 (0xFFDC599D)
YUV	135.9210, 10.3919, 73.7373
Hunter-Lab	49.7943, 53.2867, -6.3654

# Details

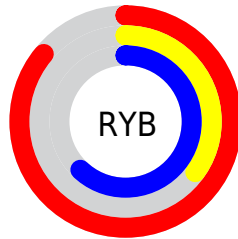
The Hex color **DC599D** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **59DC98**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF91D4**, and **A11C6A** is the 20% darker color. If you saturate the color by 10%, you get **DC4392**, and if you desaturate by 10%, it is **DC6FA8**.

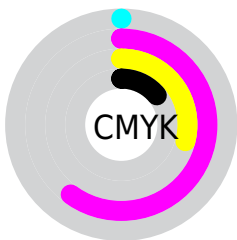
# Distribution



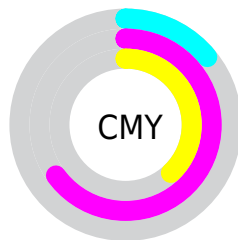
- Red (86%)
- Green (35%)
- Blue (62%)



- Red (86%)
- Yellow (35%)
- Blue (62%)



- Cyan (0%)
- Magenta (60%)
- Yellow (29%)
- Black (14%)



- Cyan (14%)
- Magenta (65%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC599D 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 DC599D by changing the saturation by 10% instead.



 DC599D

 DC599D

FFFFFF

 BE3D83

 FF91D4

 A11C6A

 FFADF0

 850052

 FFCAFF

 69003B

 FFE7FF

 4D0025

 34000F

 040000

 000000

 DC599D

 DC599D

■ DC4392

■ DC6FA8

■ DC2D88

■ DC85B2

■ DC177D

■ DC9BBD

■ DC0173

■ DCB1C7

■ DC0072

■ DCC7D2

■ DCDDDC

■ DCF3E7

■ DCFFF2

■ DCFFFC

# Harmonies

## Analogous

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



B46CCC



DC599D



E55969

# Triad

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



DC599D



839019



009DD6

# Complementary

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



DC599D



59DC98

# 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.



00A1A9



DC599D



429A41

# Square

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



DC599D



B27F17



00A074



0094EE

# Rectangle

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



DC599D



DC634A



00A074



009FC9



# Sweetspot

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



DC599D



FFD1E9



9659DC



806372



000000



808080



# Same Dimension

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



DC599D



FF4AA8



DC595D



6E6368



AD005A



2E0018



# Inverse Universe

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



DC599D



FF4AA8



59DCD8



6E6368



AD005A



2E0018



# Previews

## White Background



This preview shows how the Hex color DC599D looks on a white background.

## Color Contrast Check

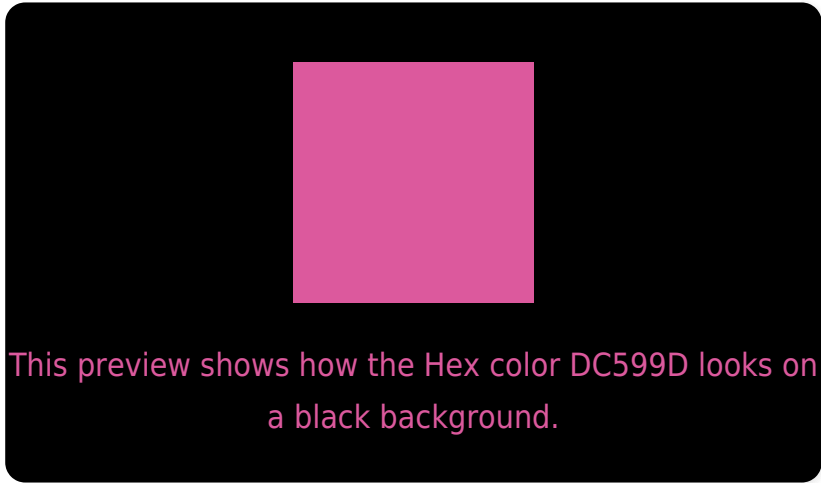
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC599D Background



This preview shows how black text looks on a background with the Hex color DC599D.

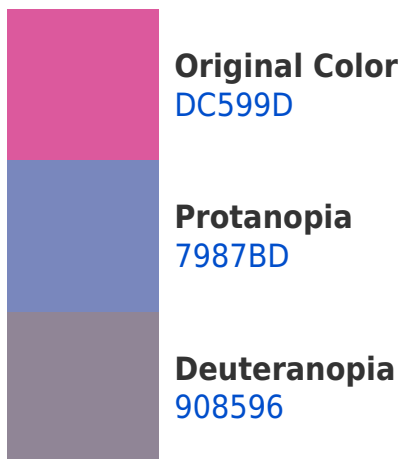


This preview shows how white text looks on a background with the Hex color DC599D.

# 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**  
D8646B

# Trichromacy



**Original Color**  
DC599D



**Protanomaly**  
9D76B1



**Deuteranomaly**  
AC7599



**Tritanomaly**  
D9607D

# Monochromacy



**Original Color**  
DC599D



**Achromatopsia**  
888888



**Achromatomaly**  
A77790

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC599D 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 #DC599D looks like.

```
.text, #text, p{  
    color:#DC599D  
}
```

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 #DC599D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC599D
}
```

## Border

The CSS property to change the border of an element to Hex DC599D 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
#DC599D }
```

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

```
.border{ border-color:#DC599D }
```

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

Here you see how a box with a 4 pixel #DC599D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC599D; -webkit-box-shadow:4px 4px  
4px 4px #DC599D; box-shadow:4px 4px 4px  
4px #DC599D }
```

# Background

The CSS property to change the background color of an element to Hex DC599D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC599D }
```

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

```
.background{ background-color:#DC599D }
```

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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