

Converting Colors

Hex(D8349F)

Have a look what the booklet for
Hex(D8349F) contains.

Hex(D8349F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D8349F)

Conversions

Conversions Part 1

Format	Color
Hex	D8349F
RGB	216, 52, 159
RGB Percent	85%, 20%, 62%
CMY	0.1529, 0.7961, 0.3765
CMYK	0.00, 0.76, 0.26, 0.15
HSL	321°, 68%, 53%
HSV	321°, 76%, 85%
XYZ	35.8049, 19.5581, 34.6889
YIQ	113.2340, 63.3970, 68.0450

Conversions

Conversions Part 2

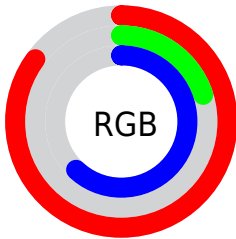
Format	Color
RYB	216, 52, 159
Decimal	14169247
CIELab	51.33, 70.88, -20.50
CIElCh	51, 73.783, 343.865
Yxy	19.5581, 0.3976, 0.2172
Android (android.graphics.Color)	4292359327 (0xFFD8349F)
YUV	113.2340, 22.5626, 90.1258
Hunter-Lab	44.2246, 67.1234, -15.5487

Details

The Hex color **D8349F** 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 **34D86D**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF72D6**, and **9D006B** is the 20% darker color. If you saturate the color by 10%, you get **D81E97**, and if you desaturate by 10%, it is **D84AA7**.

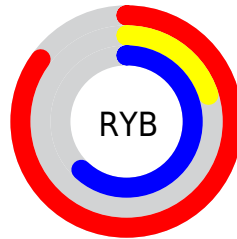
Distribution



Red (85%)

Green (20%)

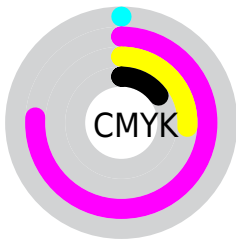
Blue (62%)



Red (85%)

Yellow (20%)

Blue (62%)

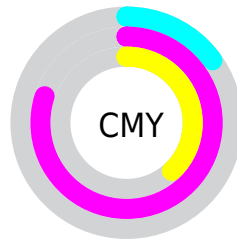


Cyan (0%)

Magenta (76%)

Yellow (26%)

Black (15%)



Cyan (15%)

Magenta (80%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8349F 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 D8349F by changing the saturation by 10% instead.

 D8349F

 D8349F

FFFFFF

 BA0085

 FF72D6

 9D006B

 FF90F2

 800053

 FFADFF

 63003C

 FFCAFF

 480026

 FFE8FF

 2B000E

 000000

 D8349F

 D8349F

 D81E97

 D84AA7

 D80990

 D85FAE

 D8008D

 D875B6

 D88ABD

 D8A0C5

 D8B6CC

 D8CBD4

 D8E1DB

 D8F6E3

Harmonies

Analogous

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



A05AD6



D8349F



E72A60

Triad

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



D8349F



798100



0094D1

Complementary

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



D8349F



34D86D

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.



009697



D8349F



268D06

Square

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



D8349F



B06B00



009455



008BF4

Rectangle

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



D8349F



DF3F38



009455



0095C0

Sweetspot

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



D8349F



FFC4EB



6B34D8



805C73



000000



808080

Same Dimension

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



D8349F



FF17AE



D8344F



6B6067



AB006F



2B001C

Inverse Universe

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



D8349F



FF17AE



34D8BD



6B6067



AB006F



2B001C

Previews

White Background



This preview shows how the Hex color D8349F 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 D8349F Background



This preview shows how black text looks on a background with the Hex color D8349F.



This preview shows how white text looks on a background with the Hex color D8349F.

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
D24D51

Trichromacy



Original Color
D8349F



Protanomaly
845FBF



Deuteranomaly
9C5F99



Tritanomaly
D4446D

Monochromacy



Original Color
D8349F



Achromatopsia
717171



Achromatomaly
965B82

CSS Examples

Text

The CSS property to change the color of the text to Hex D8349F 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 #D8349F looks like.

```
.text, #text, p{  
    color:#D8349F  
}
```

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 #D8349F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8349F
}
```

Border

The CSS property to change the border of an element to Hex D8349F 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
#D8349F }
```

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

```
.border{ border-color:#D8349F }
```

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

Here you see how a box with a 4 pixel #D8349F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8349F; -webkit-box-shadow:4px 4px  
4px 4px #D8349F; box-shadow:4px 4px 4px  
4px #D8349F }
```

Background

The CSS property to change the background color of an element to Hex D8349F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8349F }
```

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

```
.background{ background-color:#D8349F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor