

# Converting Colors

Hex(D93999)

Have a look what the booklet for  
Hex(D93999) contains.

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**Color**

**Hex(D93999)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D93999
RGB	217, 57, 153
RGB Percent	85%, 22%, 60%
CMY	0.1490, 0.7765, 0.4000
CMYK	0.00, 0.74, 0.29, 0.15
HSL	324°, 68%, 54%
HSV	324°, 74%, 85%
XYZ	35.8282, 19.9779, 32.1048
YIQ	115.7840, 64.5440, 63.7760

# Conversions

## Conversions Part 2

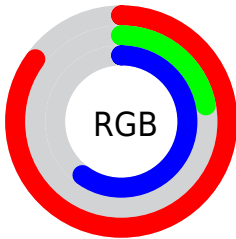
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 57, 153
Decimal	14236057
CIE <sub>Lab</sub>	51.81, 68.89, -16.20
CIE <sub>LCh</sub>	52, 70.772, 346.768
Yxy	19.9779, 0.4076, 0.2273
Android (android.graphics.Color)	4292426137 (0xFFD93999)
YUV	115.7840, 18.3475, 88.7664
Hunter-Lab	44.6966, 64.8640, -11.2993

# Details

The Hex color **D93999** 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 **39D979**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF76CF**, and **9E0066** is the 20% darker color. If you saturate the color by 10%, you get **D92390**, and if you desaturate by 10%, it is **D94FA2**.

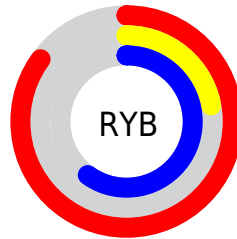
# Distribution



Red (85%)

Green (22%)

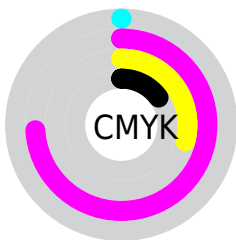
Blue (60%)



Red (85%)

Yellow (22%)

Blue (60%)

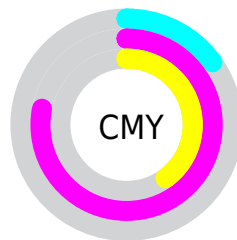


Cyan (0%)

Magenta (74%)

Yellow (29%)

Black (15%)



Cyan (15%)

Magenta (78%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D93999 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 D93999 by changing the saturation by 10% instead.



 D93999

 D93999

FFFFFF

 BB0D7F

 FF76CF

 9E0066

 FF93EC

 80004E

 FFB0FF

 640037

 FFCDFE

 490022

 FFE8FF

 2D0007

 000000

 D93999

 D93999

 D92390

 D94FA2

 D90E88

 D964AA

 D90082

 D97AB3

 D990BC

 D9A5C4

 D9BBCD

 D9D1D6

 D9E7DE

 D9FCE7

# Harmonies

## Analogous

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



A759CF



D93999



E5355D

# Triad

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



D93999



768300



0094D3

# Complementary

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



D93999



39D979

# 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.



00969D



D93999



218F1B

# Square

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



D93999



AB6F00



00955E



008AF2

# Rectangle

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



D93999



DC4836



00955E



0095C3



# Sweetspot

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



D93999



FFC7E9



7939D9



805E72



000000



808080



# Same Dimension

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



D93999



FF1FA5



D93949



6E6369



AD0068



2E001C



# Inverse Universe

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



D93999



FF1FA5



39D9C9



6E6369



AD0068



2E001C



# Previews

## White Background



This preview shows how the Hex color D93999 looks on a white background.

## Color Contrast Check

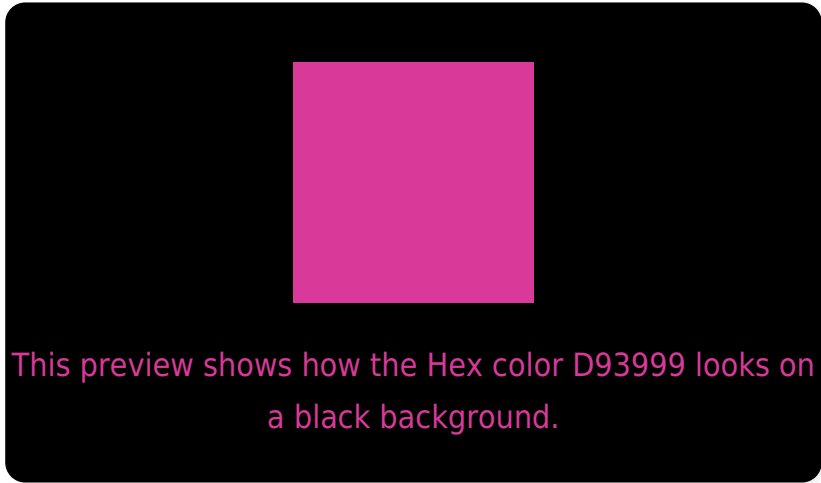
Large Text (above 18pt) WCAG AA ✓ Pass

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 D93999 Background



This preview shows how black text looks on a background with the Hex color D93999.




This preview shows how white text looks on a background with the Hex color D93999.

# 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**  
D44E52

# Trichromacy



**Original Color**  
D93999



**Protanomaly**  
8B62B7



**Deuteranomaly**  
9F6293



**Tritanomaly**  
D6466C

# Monochromacy



**Original Color**  
D93999



**Achromatopsia**  
747474



**Achromatomaly**  
995F81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D93999 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 #D93999 looks like.

```
.text, #text, p{  
    color:#D93999  
}
```

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 #D93999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D93999
}
```

## Border

The CSS property to change the border of an element to Hex D93999 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
#D93999 }
```

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

```
.border{ border-color:#D93999 }
```

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

Here you see how a box with a 4 pixel #D93999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D93999; -webkit-box-shadow:4px 4px  
4px 4px #D93999; box-shadow:4px 4px 4px  
4px #D93999 }
```

# Background

The CSS property to change the background color of an element to Hex D93999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D93999 }
```

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

```
.background{ background-color:#D93999 }
```

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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