

# Converting Colors

Hex(D03A99)

Have a look what the booklet for  
Hex(D03A99) contains.

<b>Hex(D03A99)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(D03A99)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D03A99
RGB	208, 58, 153
RGB Percent	82%, 23%, 60%
CMY	0.1843, 0.7725, 0.4000
CMYK	0.00, 0.72, 0.26, 0.18
HSL	322°, 61%, 52%
HSV	322°, 72%, 82%
XYZ	33.2752, 18.7359, 31.9996
YIQ	113.6800, 58.9050, 61.3450

# Conversions

## Conversions Part 2

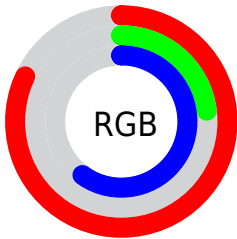
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 58, 153
Decimal	13646489
CIE <sub>Lab</sub>	50.38, 66.29, -18.53
CIE <sub>LCh</sub>	50, 68.830, 344.384
Yxy	18.7359, 0.3961, 0.2230
Android (android.graphics.Color)	4291836569 (0xFFD03A99)
YUV	113.6800, 19.3848, 82.7186
Hunter-Lab	43.2850, 61.4727, -13.5322

# Details

The Hex color **D03A99** 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 **3AD071**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF75CF**, and **950066** is the 20% darker color. If you saturate the color by 10%, you get **D02591**, and if you desaturate by 10%, it is **D04FA1**.

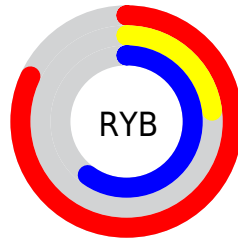
# Distribution



Red (82%)

Green (23%)

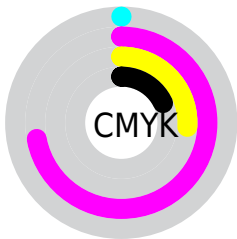
Blue (60%)



Red (82%)

Yellow (23%)

Blue (60%)

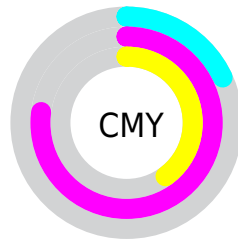


Cyan (0%)

Magenta (72%)

Yellow (26%)

Black (18%)



Cyan (18%)

Magenta (77%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D03A99 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 D03A99 by changing the saturation by 10% instead.



 D03A99

 D03A99

FFFFFF

 B2127F

 FF75CF

 950066

 FF92EC

 79004E

 FFAFFF

 5C0037

 FFCCFF

 430022

 FFEAFF

 260006

 000000

 D03A99

 D03A99

 D02591

 D04FA1

 D0108A

 D064A8

 D00084

 D078B0

 D08DB8

 D0A2BF

 D0B7C7

 D0CCCE

 D0E0D6

 D0F5DE

# Harmonies

## Analogous

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



9D5ACD



D03A99



DE335E

# Triad

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



D03A99



777E00



0090C9

# Complementary

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



D03A99



3AD071

# 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.



009293



D03A99



2C8A15

# Square

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



D03A99



AA6A00



009056



0087EA

# Rectangle

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



D03A99



D74339



009056



0091B9



# Sweetspot

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



D03A99



FFC7EA



713AD0



805E73



000000



808080



# Same Dimension

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



D03A99



FF21AE



D03A4E



695E65



A8006B



29001A



# Inverse Universe

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



D03A99



FF21AE



3AD0BC



695E65



A8006B



29001A



# Previews

## White Background



This preview shows how the Hex color D03A99 looks on a white background.

## Color Contrast Check

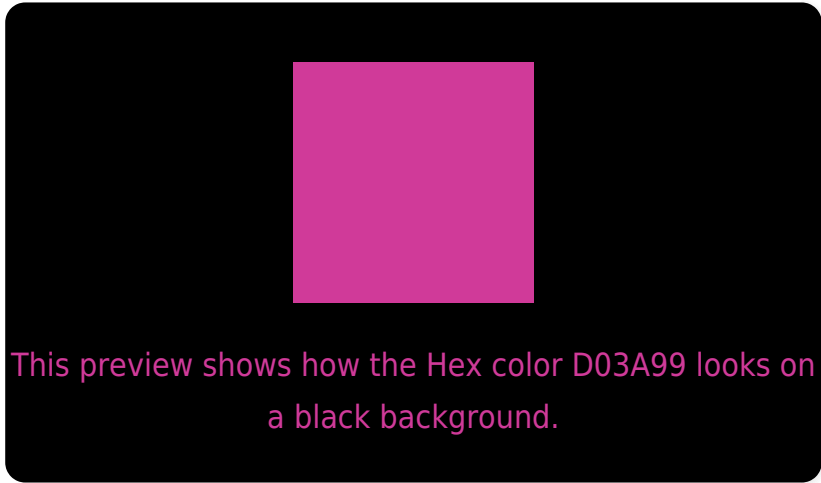
Large Text (above 18pt) WCAG AA ✓ Pass

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 D03A99 Background



This preview shows how black text looks on a background with the Hex color D03A99.



This preview shows how white text looks on a background with the Hex color D03A99.

# 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**  
D03A99

**Protanopia**  
5876C6

**Deuteranopia**  
787691



# Trichromacy



**Original Color**  
D03A99



**Protanomaly**  
8460B6



**Deuteranomaly**  
986094



**Tritanomaly**  
CC476C

# Monochromacy



**Original Color**  
D03A99



**Achromatopsia**  
727272



**Achromatomaly**  
945E80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D03A99 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 #D03A99 looks like.

```
.text, #text, p{  
  color:#D03A99  
}
```

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 #D03A99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D03A99
}
```

## Border

The CSS property to change the border of an element to Hex D03A99 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
#D03A99 }
```

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

```
.border{ border-color:#D03A99 }
```

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

Here you see how a box with a 4 pixel #D03A99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D03A99; -webkit-box-shadow:4px 4px  
4px 4px #D03A99; box-shadow:4px 4px 4px  
4px #D03A99 }
```

# Background

The CSS property to change the background color of an element to Hex D03A99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D03A99 }
```

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

```
.background{ background-color:#D03A99 }
```

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