

# Converting Colors

Hex(D84390)

Have a look what the booklet for  
Hex(D84390) contains.

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**Color**

**Hex(D84390)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D84390
RGB	216, 67, 144
RGB Percent	85%, 26%, 56%
CMY	0.1529, 0.7373, 0.4353
CMYK	0.00, 0.69, 0.33, 0.15
HSL	329°, 66%, 55%
HSV	329°, 69%, 85%
XYZ	35.3601, 20.6269, 28.5033
YIQ	120.3290, 64.0870, 55.5350

# Conversions

## Conversions Part 2

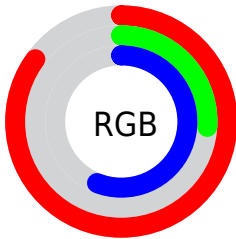
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 67, 144
Decimal	14173072
CIE Lab	52.54, 64.18, -9.77
CIE LCh	53, 64.921, 351.344
Yxy	20.6269, 0.4185, 0.2441
Android (android.graphics.Color)	4292363152 (0xFFD84390)
YUV	120.3290, 11.6698, 83.9035
Hunter-Lab	45.4168, 59.4951, -5.4182

# Details

The Hex color **D84390** 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 **43D88B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF7DC6**, and **9D005E** is the 20% darker color. If you saturate the color by 10%, you get **D82D86**, and if you desaturate by 10%, it is **D8599A**.

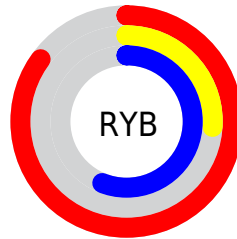
# Distribution



Red (85%)

Green (26%)

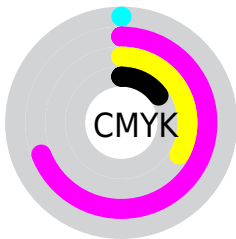
Blue (56%)



Red (85%)

Yellow (26%)

Blue (56%)

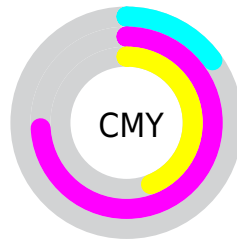


Cyan (0%)

Magenta (69%)

Yellow (33%)

Black (15%)



Cyan (15%)

Magenta (74%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D84390 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 D84390 by changing the saturation by 10% instead.



 D84390

 D84390

FFFFFF

 BA2176

 FF7DC6

 9D005E

 FF9AE2

 800046

 FFB6FE

 630030

 FFD4FF

 48001B

 FFF1FF

 2C0001

 000000

 D84390

 D84390

 D82D86

 D8599A

 D8187B

 D86EA5

 D80271

 D884AF

 D80070

 D899BA

 D8AFC4

 D8C5CF

 D8DAD9

 D8F0E4

 D8FFEE

# Harmonies

## Analogous

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



B05BC4



D84390



DF4558

# Triad

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



D84390



718600



0093D4

# Complementary

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



D84390



43D88B

# 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.



0097A4



D84390



1D9132

# Square

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



D84390



A47500



00966B



0089EC

# Rectangle

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



D84390



D45436



00966B



0095C6



# Sweetspot

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



D84390



FFC9E5



8943D8



806070



000000



808080



# Same Dimension

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



D84390



FF2B99



D84348



6B6066



AB0058



2B0016



# Inverse Universe

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



D84390



FF2B99



43D8D3



6B6066



AB0058



2B0016



# Previews

## White Background



This preview shows how the Hex color D84390 looks on a white background.

## Color Contrast Check

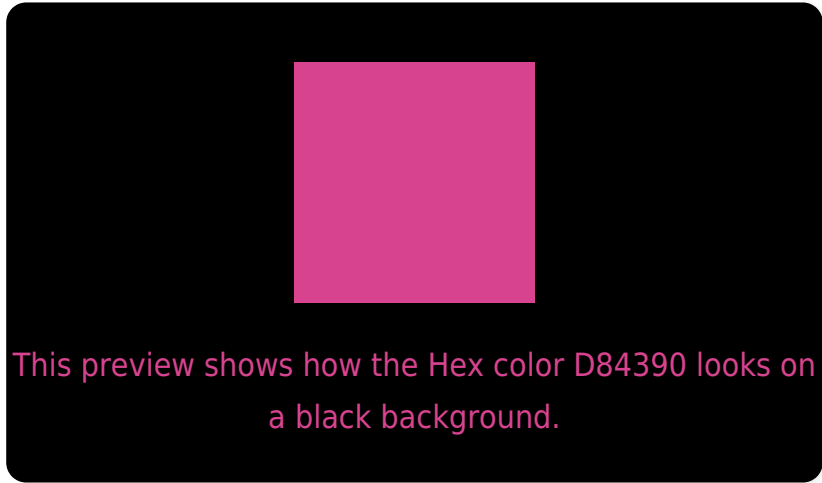
Large Text (above 18pt) WCAG AA ✓ Pass

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 D84390 Background



This preview shows how black text looks on a background with the Hex color D84390.



This preview shows how white text looks on a background with the Hex color D84390.

# 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**  
D45257

# Trichromacy



**Original Color**  
D84390



**Protanomaly**  
9367A9



**Deuteranomaly**  
A3668B



**Tritanomaly**  
D54D6C

# Monochromacy



**Original Color**  
D84390



**Achromatopsia**  
787878



**Achromatomaly**  
9B6581

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D84390 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 #D84390 looks like.

```
.text, #text, p{  
    color:#D84390  
}
```

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 #D84390 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D84390
}
```

## Border

The CSS property to change the border of an element to Hex D84390 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
#D84390 }
```

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

```
.border{ border-color:#D84390 }
```

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

Here you see how a box with a 4 pixel #D84390 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D84390; -webkit-box-shadow:4px 4px  
4px 4px #D84390; box-shadow:4px 4px 4px  
4px #D84390 }
```

# Background

The CSS property to change the background color of an element to Hex D84390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D84390 }
```

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

```
.background{ background-color:#D84390 }
```

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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