

# Converting Colors

Hex(D84389)

Have a look what the booklet for  
Hex(D84389) contains.

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# Color

**Hex(D84389)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D84389
RGB	216, 67, 137
RGB Percent	85%, 26%, 54%
CMY	0.1529, 0.7373, 0.4627
CMYK	0.00, 0.69, 0.37, 0.15
HSL	332°, 66%, 55%
HSV	332°, 69%, 85%
XYZ	34.8414, 20.4194, 25.7719
YIQ	119.5310, 66.3340, 53.3580

# Conversions

## Conversions Part 2

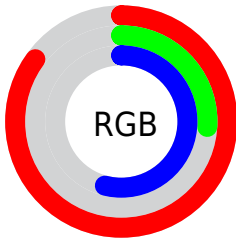
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	216, 67, 137
Decimal	14173065
CIE <sub>Lab</sub>	52.31, 63.41, -5.94
CIE <sub>LCh</sub>	52, 63.687, 354.645
Yxy	20.4194, 0.4300, 0.2520
Android (android.graphics.Color)	4292363145 (0xFFD84389)
YUV	119.5310, 8.6122, 84.6033
Hunter-Lab	45.1878, 58.5512, -2.1833

# Details

The Hex color **D84389** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **43D892**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF7DBE**, and **9C0057** is the 20% darker color. If you saturate the color by 10%, you get **D82D7E**, and if you desaturate by 10%, it is **D85994**.

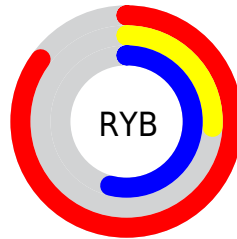
# Distribution



Red (85%)

Green (26%)

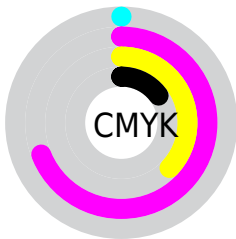
Blue (54%)



Red (85%)

Yellow (26%)

Blue (54%)

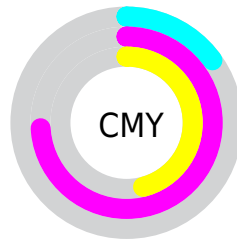


Cyan (0%)

Magenta (69%)

Yellow (37%)

Black (15%)



Cyan (15%)

Magenta (74%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D84389 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 D84389 by changing the saturation by 10% instead.



 D84389

 D84389

FFFFFF

 BA2170

 FF7DBE

 9C0057

 FF99DA

 7F0040

 FFB6F7

 63002A

 FFD3FF

 470016

 FFF1FF

 2B0001

 000000

 D84389

 D84389

 D82D7E

 D85994

 D81872

 D86EA0

 D80267

 D884AB

 D80065

 D899B7

 D8AFC2

 D8C5CE

 D8DAD9

 D8F0E5

 D8FFF0

# Harmonies

## Analogous

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



B458BD



D84389



DC4853

# Triad

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



D84389



6A8700



0091D5

# Complementary

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



D84389



43D892

# 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.



0095A9



D84389



059039

# Square

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



D84389



9E7700



009571



0086EA

# Rectangle

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



D84389



CF5731



009571



0093C9



# Sweetspot

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



D84389



FFC9E3



9043D8



80606F



000000



808080



# Same Dimension

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



D84389



FF2B8F



D84543



6B6065



AB0050



2B0014



# Inverse Universe

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



D84389



FF2B8F



43D6D8



6B6065



AB0050



2B0014



# Previews

## White Background



This preview shows how the Hex color D84389 looks on a white background.

## Color Contrast Check

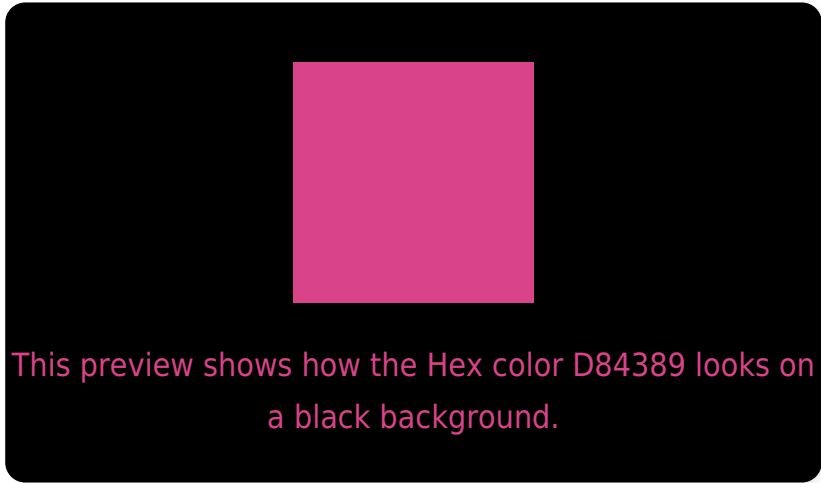
Large Text (above 18pt) WCAG AA ✓ Pass

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 D84389 Background



This preview shows how black text looks on a background with the Hex color D84389.



This preview shows how white text looks on a background with the Hex color D84389.

# 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](#).

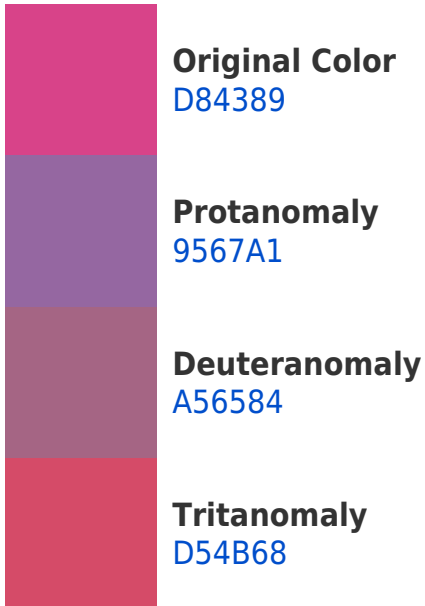
## Dichromacy



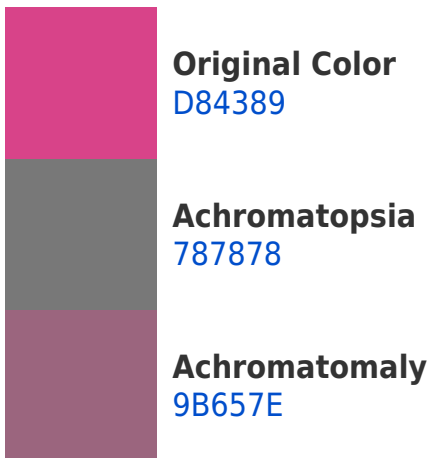


**Tritanopia**  
D45055

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D84389 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 #D84389 looks like.

```
.text, #text, p{  
    color:#D84389  
}
```

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 #D84389 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D84389
}
```

## Border

The CSS property to change the border of an element to Hex D84389 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
#D84389 }
```

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

```
.border{ border-color:#D84389 }
```

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

Here you see how a box with a 4 pixel #D84389 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D84389; -webkit-box-shadow:4px 4px  
4px 4px #D84389; box-shadow:4px 4px 4px  
4px #D84389 }
```

# Background

The CSS property to change the background color of an element to Hex D84389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D84389 }
```

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

```
.background{ background-color:#D84389 }
```

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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