

# Converting Colors

Hex(DA3387)

Have a look what the booklet for  
Hex(DA3387) contains.

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**Color**

**Hex(DA3387)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA3387
RGB	218, 51, 135
RGB Percent	85%, 20%, 53%
CMY	0.1451, 0.8000, 0.4706
CMYK	0.00, 0.77, 0.38, 0.15
HSL	330°, 69%, 53%
HSV	330°, 77%, 85%
XYZ	34.4704, 19.0223, 24.7766
YIQ	110.5090, 72.5680, 61.5280

# Conversions

## Conversions Part 2

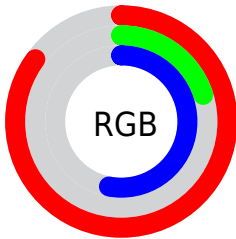
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 51, 135
Decimal	14300039
CIE <sub>Lab</sub>	50.71, 69.01, -7.08
CIE <sub>LCh</sub>	51, 69.370, 354.143
Yxy	19.0223, 0.4404, 0.2430
Android (android.graphics.Color)	4292490119 (0xFFDA3387)
YUV	110.5090, 12.0741, 94.2696
Hunter-Lab	43.6146, 64.7504, -3.1512

# Details

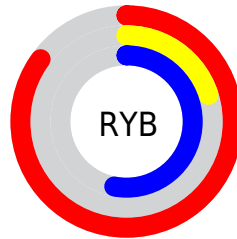
The Hex color **DA3387** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle muted rose. A complement of this color would be **33DA86**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF71BC**, and **9E0055** is the 20% darker color. If you saturate the color by 10%, you get **DA1D7C**, and if you desaturate by 10%, it is **DA4992**.

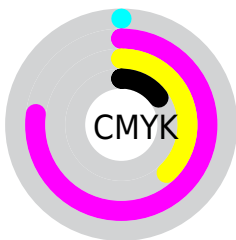
# Distribution



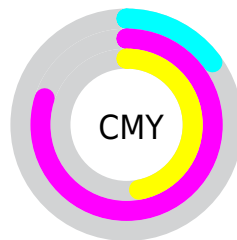
- Red (85%)
- Green (20%)
- Blue (53%)



- Red (85%)
- Yellow (20%)
- Blue (53%)



- Cyan (0%)
- Magenta (77%)
- Yellow (38%)
- Black (15%)



- Cyan (15%)
- Magenta (80%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA3387 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 DA3387 by changing the saturation by 10% instead.



 DA3387

 DA3387

FFFFFF

 BC006E

 FF71BC

 9E0055

 FF8ED8

 80003E

 FFABF4


 630029

 FFC9FF

 480014

 FFE6FF

 2A0001

 000000

 DA3387

 DA3387

 DA1D7C

 DA4992

■ DA0771

■ DA5F9D

■ DA006E

■ DA74A8

■ DA8AB2

■ DAA0BD

■ DAB6C8

■ DACCD3

■ DAE1DE

■ DAF7E9

# Harmonies

## Analogous

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



B34FBF



DA3387



DE3A4C

# Triad

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



DA3387



648400



008FD8

# Complementary

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



DA3387



33DA86

# 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.



0093A8



DA3387



008D2C

# Square

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



DA3387



9C7200



00926B



0084EF

# Rectangle

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



DA3387



D04E27



00926B



0091CA



# Sweetspot

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



DA3387



FFC4E2



8433DA



805C6E



000000



808080



# Same Dimension

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



DA3387



FF148A



DA3336



6E6368



AD0057



2E0017



# Inverse Universe

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



DA3387



FF148A



33DAD7



6E6368



AD0057



2E0017



# Previews

## White Background



This preview shows how the Hex color DA3387 looks on a white background.

## Color Contrast Check

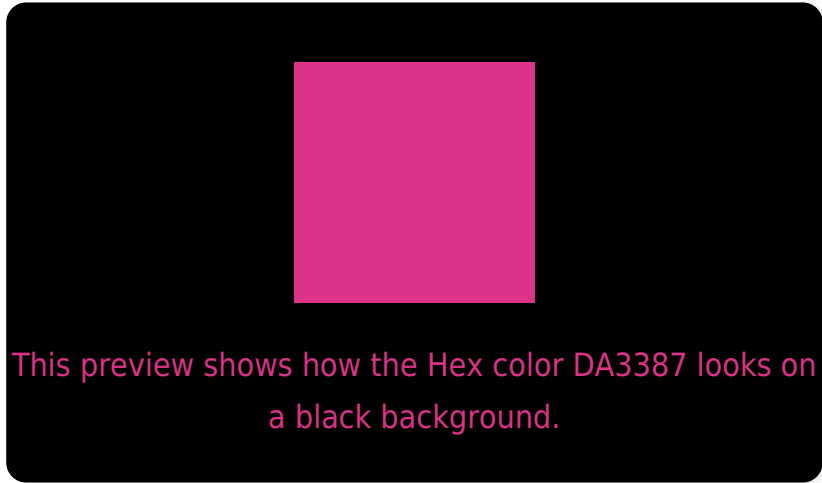
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA3387 Background



This preview shows how black text looks on a background with the Hex color DA3387.



This preview shows how white text looks on a background with the Hex color DA3387.

# 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





# Trichromacy



**Original Color**  
DA3387



**Protanomaly**  
905EA4



**Deuteranomaly**  
A35E82

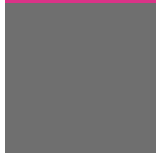


**Tritanomaly**  
D73E60

# Monochromacy



**Original Color**  
DA3387



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
965978

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA3387 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 #DA3387 looks like.

```
.text, #text, p{  
    color:#DA3387  
}
```

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 #DA3387 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA3387
}
```

## Border

The CSS property to change the border of an element to Hex DA3387 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
#DA3387 }
```

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

```
.border{ border-color:#DA3387 }
```

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

Here you see how a box with a 4 pixel #DA3387 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA3387; -webkit-box-shadow:4px 4px  
4px 4px #DA3387; box-shadow:4px 4px 4px  
4px #DA3387 }
```

# Background

The CSS property to change the background color of an element to Hex DA3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA3387 }
```

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

```
.background{ background-color:#DA3387 }
```

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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