

# Converting Colors

Hex(D03373)

Have a look what the booklet for  
Hex(D03373) contains.

<b>Hex(D03373)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(D03373)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D03373
RGB	208, 51, 115
RGB Percent	82%, 20%, 45%
CMY	0.1843, 0.8000, 0.5490
CMYK	0.00, 0.75, 0.45, 0.18
HSL	336°, 63%, 51%
HSV	336°, 75%, 82%
XYZ	30.2908, 17.0154, 17.9074
YIQ	105.2390, 73.0280, 53.1880

# Conversions

## Conversions Part 2

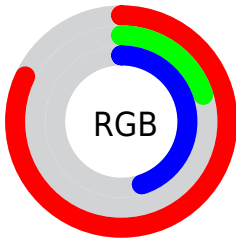
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 51, 115
Decimal	13644659
CIE <sub>Lab</sub>	48.28, 64.46, 1.25
CIE <sub>LCh</sub>	48, 64.475, 1.110
Yxy	17.0154, 0.4645, 0.2609
Android (android.graphics.Color)	4291834739 (0xFFD03373)
YUV	105.2390, 4.8122, 90.1214
Hunter-Lab	41.2497, 58.8905, 3.1356

# Details

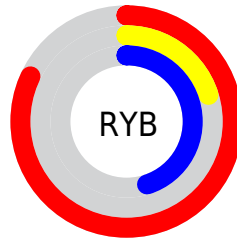
The Hex color **D03373** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **33D090**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF6FA7**, and **940043** is the 20% darker color. If you saturate the color by 10%, you get **D01E67**, and if you desaturate by 10%, it is **D0487F**.

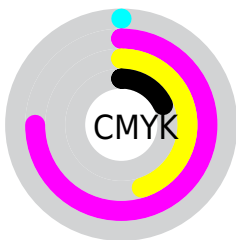
# Distribution



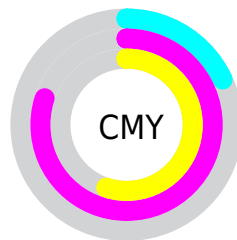
- Red (82%)
- Green (20%)
- Blue (45%)



- Red (82%)
- Yellow (20%)
- Blue (45%)



- Cyan (0%)
- Magenta (75%)
- Yellow (45%)
- Black (18%)



- Cyan (18%)
- Magenta (80%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D03373 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 D03373 by changing the saturation by 10% instead.



 D03373

 D03373

FFFFFF

 B2035B

 FF6FA7

 940043

 FF8CC2

 76002D

 FFA9DE

 590019

 FFC6FA

 3F0003

 FFE3FF

 1B0001

 000000

 D03373

 D03373

 D01E67

 D0487F

 D0095A

 D05D8C

 D00055

 D07198

 D086A4

 D09BB1

 D0B0BD

 D0C5C9

 D0D9D6

 D0EEE2

# Harmonies

## Analogous

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



B446A8



D03373



CD403E

# Triad

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



D03373



527F00



0085D2

# Complementary

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



D03373



33D090

# 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.



008AAA



D03373



00873A

# Square

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



D03373



897100



008B73



0079E1

# Rectangle

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



D03373



BE521B



008B73



0088C7



# Sweetspot

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



D03373



FFC4DC



8F33D0



805C6A



000000



808080



# Same Dimension

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



D03373



FF1776



D04033



695E62



A80045



290011



# Inverse Universe

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



D03373



FF1776



33C3D0



695E62



A80045



290011



# Previews

## White Background



This preview shows how the Hex color D03373 looks on a white background.

## Color Contrast Check

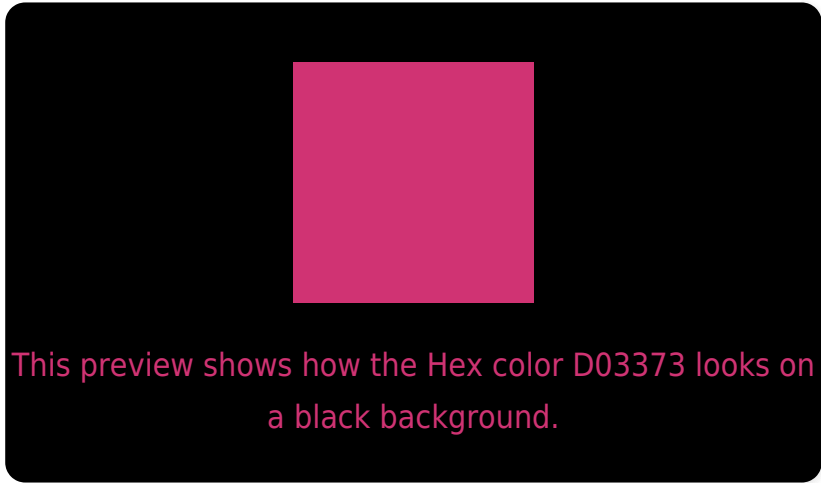
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D03373 Background



This preview shows how black text looks on a background with the Hex color D03373.



This preview shows how white text looks on a background with the Hex color D03373.

# Color Blindness Simulation

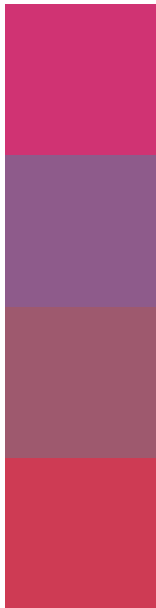
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



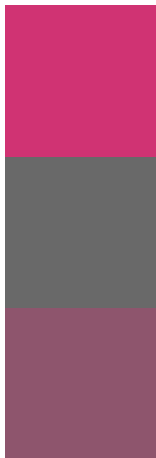
**Original Color**  
D03373

**Protanomaly**  
8E5B8B

**Deuteranomaly**  
9E596E

**Tritanomaly**  
CE3B54

# Monochromacy



**Original Color**  
D03373

**Achromatopsia**  
696969

**Achromatomaly**  
8E556D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D03373 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 #D03373 looks like.

```
.text, #text, p{  
    color:#D03373  
}
```

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 #D03373 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D03373
}
```

## Border

The CSS property to change the border of an element to Hex D03373 is called "border". The border property can be set on classes, ids or directly on the HTML element.

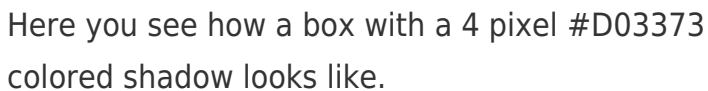
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D03373 }
```

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

```
.border{ border-color:#D03373 }
```

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



Here you see how a box with a 4 pixel `#D03373` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D03373; -webkit-box-shadow:4px 4px  
4px 4px #D03373; box-shadow:4px 4px 4px  
4px #D03373 }
```

# Background

The CSS property to change the background color of an element to Hex D03373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D03373 }
```

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

```
.background{ background-color:#D03373 }
```

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