

# Converting Colors

Hex(D3238D)

Have a look what the booklet for  
Hex(D3238D) contains.

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**Color**

**Hex(D3238D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3238D
RGB	211, 35, 141
RGB Percent	83%, 14%, 55%
CMY	0.1725, 0.8627, 0.4471
CMYK	0.00, 0.83, 0.33, 0.17
HSL	324°, 72%, 48%
HSV	324°, 83%, 83%
XYZ	32.2727, 16.9740, 26.7747
YIQ	99.7080, 70.8700, 70.2780

# Conversions

## Conversions Part 2

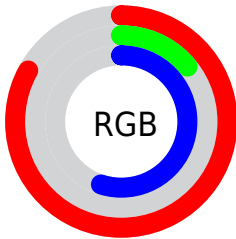
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 35, 141
Decimal	13837197
CIE <sub>Lab</sub>	48.23, 71.98, -14.56
CIE <sub>LCh</sub>	48, 73.437, 348.562
Yxy	16.9740, 0.4245, 0.2233
Android (android.graphics.Color)	4292027277 (0xFFD3238D)
YUV	99.7080, 20.3570, 97.6031
Hunter-Lab	41.1996, 67.7246, -9.6915

# Details

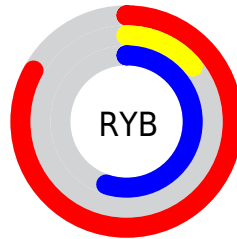
The Hex color **D3238D** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **23D369**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF67C3**, and **97005B** is the 20% darker color. If you saturate the color by 10%, you get **D30E85**, and if you desaturate by 10%, it is **D33895**.

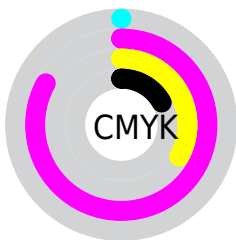
# Distribution



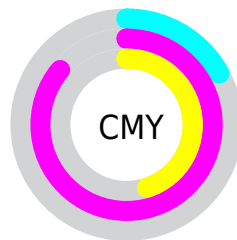
- Red (83%)
- Green (14%)
- Blue (55%)



- Red (83%)
- Yellow (14%)
- Blue (55%)



- Cyan (0%)
- Magenta (83%)
- Yellow (33%)
- Black (17%)



- Cyan (17%)
- Magenta (86%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3238D 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 D3238D by changing the saturation by 10% instead.



 D3238D

 D3238D

FFFFFF

 B50073

 FF67C3

 97005B

 FF84DF

 7A0043

 FFA1FB

 5D002D

 FFBFFF

 420019

 FFDDFF

 230001

 FFFBFF

 000000

 D3238D

 D3238D

 D30E85

 D33895

 D3007F

 D34D9E

 D362A6

 D377AF

 D38DB7

 D3A2BF

 D3B7C8

 D3CCD0

 D3E1D9

# Harmonies

## Analogous

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



A34CC6



D3238D



DC224F

# Triad

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



D3238D



677B00



008BCF

# Complementary

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



D3238D



23D369

# 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.



008D98



D3238D



00860E

# Square

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



D3238D



9F6700



008B58



0081ED

# Rectangle

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



D3238D



D13C27



008B58



008CBF



# Sweetspot

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



D3238D



FFBFE6



6623D3



805970



000000



808080



# Same Dimension

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



D3238D



FF009A



D32338



695E64



A80065



290019



# Inverse Universe

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



D3238D



FF009A



23D3BE



695E64



A80065



290019



# Previews

## White Background



This preview shows how the Hex color D3238D 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 D3238D Background



This preview shows how black text looks on a background with the Hex color D3238D.



This preview shows how white text looks on a background with the Hex color D3238D.

# 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**  
D3238D



**Protanomaly**  
8055AF



**Deuteranomaly**  
985487



**Tritanomaly**  
D0355D

# Monochromacy



**Original Color**  
D3238D



**Achromatopsia**  
646464



**Achromatomaly**  
8C4C73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3238D 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 #D3238D looks like.

```
.text, #text, p{  
    color:#D3238D  
}
```

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 #D3238D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3238D
}
```

## Border

The CSS property to change the border of an element to Hex D3238D 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
#D3238D }
```

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

```
.border{ border-color:#D3238D }
```

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

Here you see how a box with a 4 pixel #D3238D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3238D; -webkit-box-shadow:4px 4px  
4px 4px #D3238D; box-shadow:4px 4px 4px  
4px #D3238D }
```

# Background

The CSS property to change the background color of an element to Hex D3238D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3238D }
```

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

```
.background{ background-color:#D3238D }
```

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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