

Converting Colors

Hex(C338DD)

Have a look what the booklet for
Hex(C338DD) contains.

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Color

Hex(C338DD)

Conversions

Conversions Part 1

Format	Color
Hex	C338DD
RGB	195, 56, 221
RGB Percent	76%, 22%, 87%
CMY	0.2353, 0.7804, 0.1333
CMYK	0.12, 0.75, 0.00, 0.13
HSL	291°, 71%, 54%
HSV	291°, 75%, 87%
XYZ	36.9710, 19.6509, 70.2510
YIQ	116.3710, 29.8790, 80.7830

Conversions

Conversions Part 2

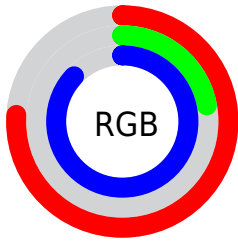
Format	Color
R _{YB}	195, 56, 221
Decimal	12794077
CIE _{Lab}	51.44, 74.30, -56.54
CIE _{LCh}	51, 93.366, 322.727
Yxy	19.6509, 0.2914, 0.1549
Android (android.graphics.Color)	4290984157 (0xFFC338DD)
YUV	116.3710, 51.5821, 68.9576
Hunter-Lab	44.3293, 71.2939, -62.9294

Details

The Hex color **C338DD** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **52DD38**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF75FF**, and **8900A5** is the 20% darker color. If you saturate the color by 10%, you get **C022DD**, and if you desaturate by 10%, it is **C64EDD**.

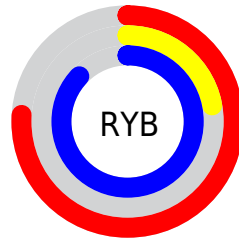
Distribution



Red (76%)

Green (22%)

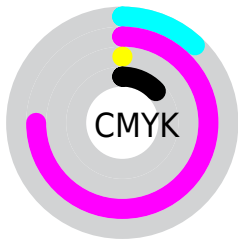
Blue (87%)



Red (76%)

Yellow (22%)

Blue (87%)

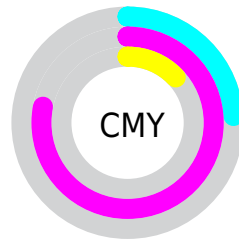


Cyan (12%)

Magenta (75%)

Yellow (0%)

Black (13%)



Cyan (24%)

Magenta (78%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color C338DD 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 C338DD by changing the saturation by 10% instead.

 C338DD

 C338DD

FFFFFF

 A60BC1

 FF75FF

 8900A5

 FF92FF

 6C008A

 FFAFFF

 500070

 FFCCFF

 350057

 FFEAFF

 14003E

 000327

 000111

 000000

 C338DD

 C338DD

 C022DD

 C64EDD

 BC0CDD

 CA64DD

 BA00DD

 CD7ADD

 D190DD

 D4A7DD

 D8BDDD

 DBD3DD

 DFE9DD

 E2FFDD

Harmonies

Analogous

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



006FFF



C338DD



F80092

Triad

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



C338DD



A67100



009BB7

Complementary

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



C338DD



52DD38

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.



009964



C338DD



5B8800

Square

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



C338DD



DD4600



009400



0098FB

Rectangle

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



C338DD



FF005D



009400



009A9C

Sweetspot

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



C338DD



F6C7FF



3854DD



7A5E80



000000



808080

Same Dimension

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



C338DD



DB19FF



DD38A6



6C636E



9200AD



27002E

Inverse Universe

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



DD3852



FF193E



38DD6F



6E6364



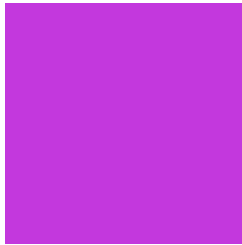
AD001B



2E0007

Previews

White Background



This preview shows how the Hex color C338DD looks on a white background.

Color Contrast Check

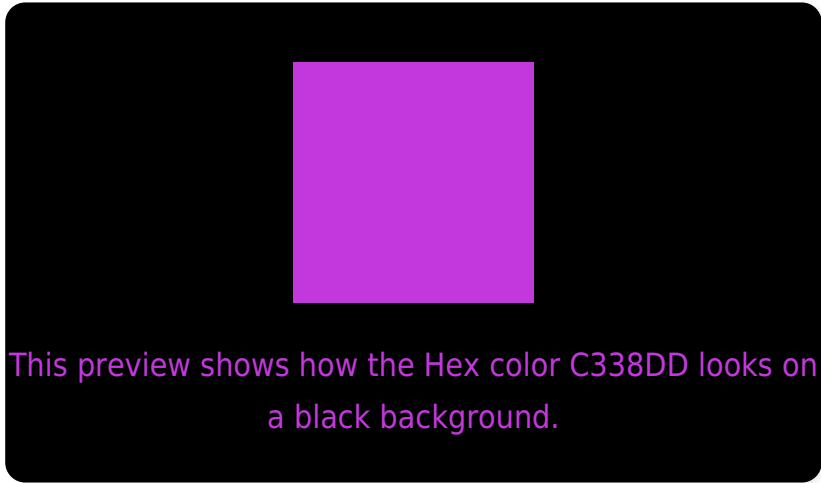
Large Text (above 18pt) WCAG AA ✓ Pass

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

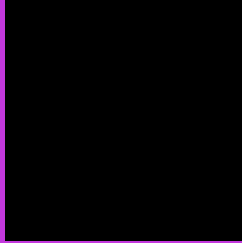
Any Text WCAG AA ✓ Pass

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 C338DD Background



This preview shows how black text looks on a background with the Hex color C338DD.

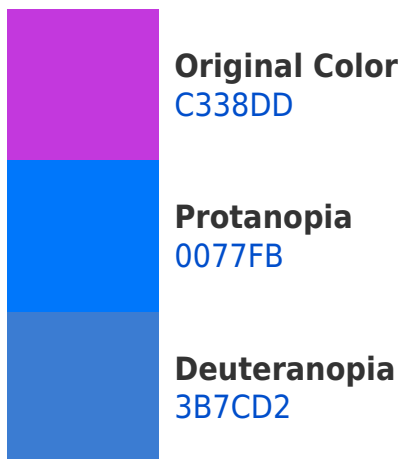


This preview shows how white text looks on a background with the Hex color C338DD.

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
B4626A

Trichromacy



Original Color
C338DD



Protanomaly
4760F0



Deuteranomaly
6C63D6



Tritanomaly
B95394

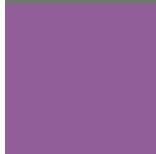
Monochromacy



Original Color
C338DD



Achromatopsia
747474



Achromatomaly
915E9A

CSS Examples

Text

The CSS property to change the color of the text to Hex C338DD 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 #C338DD looks like.

```
.text, #text, p{  
    color:#C338DD  
}
```

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 #C338DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C338DD
}
```

Border

The CSS property to change the border of an element to Hex C338DD 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
#C338DD }
```

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

```
.border{ border-color:#C338DD }
```

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

Here you see how a box with a 4 pixel #C338DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C338DD; -webkit-box-shadow:4px 4px  
4px 4px #C338DD; box-shadow:4px 4px 4px  
4px #C338DD }
```

Background

The CSS property to change the background color of an element to Hex C338DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C338DD }
```

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

```
.background{ background-color:#C338DD }
```

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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