

# Converting Colors

Hex(D340A2)

Have a look what the booklet for  
Hex(D340A2) contains.

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# Color

Hex(D340A2)

# Conversions

## Conversions Part 1

Format	Color
Hex	D340A2
RGB	211, 64, 162
RGB Percent	83%, 25%, 64%
CMY	0.1725, 0.7490, 0.3647
CMYK	0.00, 0.70, 0.23, 0.17
HSL	320°, 63%, 54%
HSV	320°, 70%, 83%
XYZ	35.2190, 20.1243, 36.2106
YIQ	119.1250, 56.1540, 61.6420

# Conversions

## Conversions Part 2

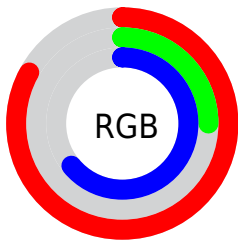
Format	Color
R <sub>YB</sub>	211, 64, 162
Decimal	13844642
CIE <sub>Lab</sub>	51.98, 66.12, -21.36
CIE <sub>LCh</sub>	52, 69.487, 342.095
Yxy	20.1243, 0.3847, 0.2198
Android (android.graphics.Color)	4292034722 (0xFFD340A2)
YUV	119.1250, 21.1374, 80.5744
Hunter-Lab	44.8601, 61.6322, -16.4561

# Details

The Hex color **D340A2** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **40D371**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF7BD9**, and **98006E** is the 20% darker color. If you saturate the color by 10%, you get **D32B9B**, and if you desaturate by 10%, it is **D355A9**.

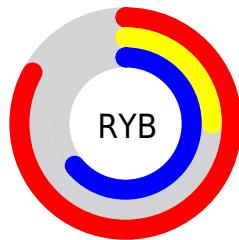
# Distribution



Red (83%)

Green (25%)

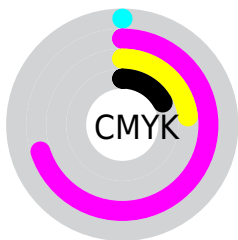
Blue (64%)



Red (83%)

Yellow (25%)

Blue (64%)

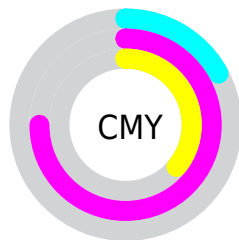


Cyan (0%)

Magenta (70%)

Yellow (23%)

Black (17%)



Cyan (17%)

Magenta (75%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D340A2 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 D340A2 by changing the saturation by 10% instead.



 D340A2

 D340A2

FFFFFF

 B51C88

 FF7BD9

 98006E

 FF97F6

 7C0056

 FFB4FF

 60003E

 FFD1FF

 450028

 FFEFFF

 290012

 000000

 D340A2

 D340A2

 D32B9B

 D355A9

 D31694

 D36AB0

 D3018D

 D37FB7

 D3008D

 D394BE

 D3AAC5

 D3BFCC

 D3D4D3

 D3E9DA

 D3FEE1

# Harmonies

## Analogous

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



9B60D5



D340A2



E43667

# Triad

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



D340A2



808100



0095CB

# Complementary

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



D340A2



40D371

# 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.



009693



D340A2



388E12

# Square

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



D340A2



B26C00



009455



008DEE

# Rectangle

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



D340A2



DE4540



009455



0096BA



# Sweetspot

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



D340A2



FFC9ED



7140D3



806075



000000



808080



# Same Dimension

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



D340A2



FF29B8



D34059



695E65



A80070



29001B



# Inverse Universe

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



D340A2



FF29B8



40D3BA



695E65



A80070



29001B



# Previews

## White Background



This preview shows how the Hex color D340A2 looks on a white background.

## Color Contrast Check

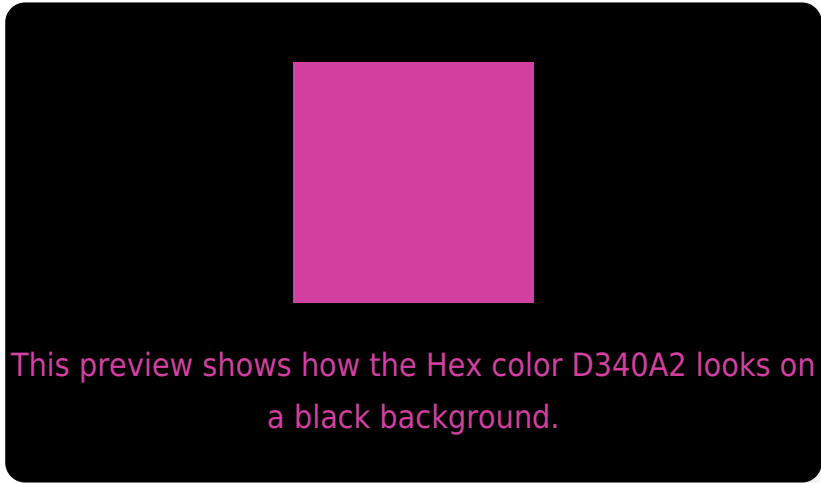
Large Text (above 18pt) WCAG AA ✓ Pass

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 D340A2 Background



This preview shows how black text looks on a background with the Hex color D340A2.

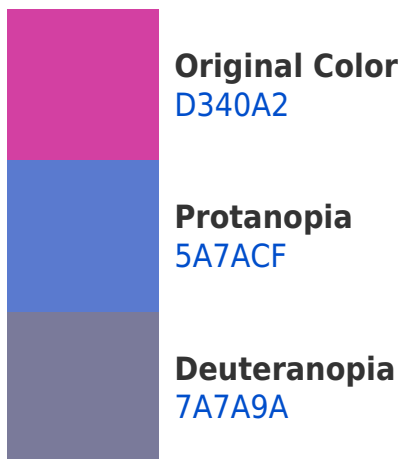


This preview shows how white text looks on a background with the Hex color D340A2.

# 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**  
D340A2



**Protanomaly**  
8665BF



**Deuteranomaly**  
9A659D



**Tritanomaly**  
CF4D74

# Monochromacy



**Original Color**  
D340A2



**Achromatopsia**  
777777



**Achromatomaly**  
986387

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D340A2 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 #D340A2 looks like.

```
.text, #text, p{  
    color:#D340A2  
}
```

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 #D340A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D340A2
}
```

## Border

The CSS property to change the border of an element to Hex D340A2 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
#D340A2 }
```

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

```
.border{ border-color:#D340A2 }
```

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

Here you see how a box with a 4 pixel #D340A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D340A2; -webkit-box-shadow:4px 4px  
4px 4px #D340A2; box-shadow:4px 4px 4px  
4px #D340A2 }
```

# Background

The CSS property to change the background color of an element to Hex D340A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D340A2 }
```

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

```
.background{ background-color:#D340A2 }
```

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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