

# Converting Colors

Hex(D34BDA)

Have a look what the booklet for  
Hex(D34BDA) contains.

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# Color

**Hex(D34BDA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D34BDA
RGB	211, 75, 218
RGB Percent	83%, 29%, 85%
CMY	0.1725, 0.7059, 0.1451
CMYK	0.03, 0.66, 0.00, 0.15
HSL	297°, 66%, 57%
HSV	297°, 66%, 85%
XYZ	42.0349, 23.9430, 68.7356
YIQ	131.9660, 35.1530, 73.3050

# Conversions

## Conversions Part 2

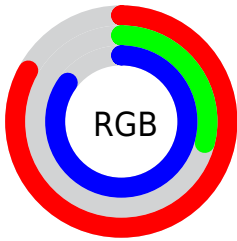
<b>Format</b>	<b>Color</b>
<b>RYB</b>	211, 75, 218
Decimal	13847514
CIELab	56.03, 70.47, -47.38
CIELCh	56, 84.913, 326.085
Yxy	23.9430, 0.3120, 0.1777
Android (android.graphics.Color)	4292037594 (0xFFD34BDA)
YUV	131.9660, 42.4148, 69.3128
Hunter-Lab	48.9316, 67.7111, -49.0343

# Details

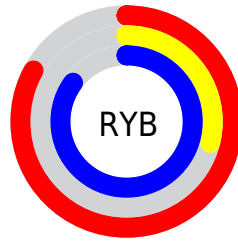
The Hex color **D34BDA** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **52DA4B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF85FF**, and **9900A2** is the 20% darker color. If you saturate the color by 10%, you get **D235DA**, and if you desaturate by 10%, it is **D461DA**.

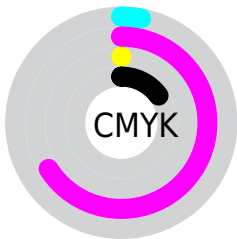
# Distribution



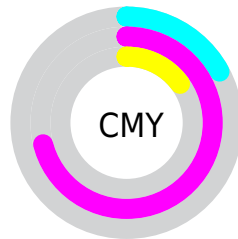
- Red (83%)
- Green (29%)
- Blue (85%)



- Red (83%)
- Yellow (29%)
- Blue (85%)



- Cyan (3%)
- Magenta (66%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (71%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D34BDA 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 D34BDA by changing the saturation by 10% instead.



 D34BDA

 D34BDA

FFFFFF

 B62ABE

 FF85FF

 9900A2

 FFA2FF

 7C0088

 FFBFFF

 60006E

 FFDCFF

 450055

 FFFAFF

 2A003D

 000026

 00010E

 000000

 D34BDA

 D34BDA

 D235DA

 D461DA

 D11FDA

 D577DA

 D00ADA

 D68CDA

 CF00DA

 D7A2DA

 D8B8DA

 D9CEDA

 DAE4DA

 DCF9DA

 DDFFDA

# Harmonies

## Analogous

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



6277FF



D34BDA



FF1493

# Triad

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



D34BDA



AB8000



00A5C6

# Complementary

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



D34BDA



52DA4B

# 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.



00A47A



D34BDA



649500

# Square

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



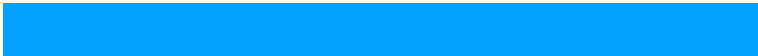
D34BDA



E15E00



00A029



00A1FF

# Rectangle

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



D34BDA



FF1B62



00A029



00A6AD



# Sweetspot

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



D34BDA



FDCCFF



4B52DA



7E6180



000000



808080



# Same Dimension

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



D34BDA



F536FF



DA4B9A



6D636E



A500AD



2C002E



# Inverse Universe

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



DA4B52



FF363F



4BDA8B



6E6363



AD0008



2E0002



# Previews

## White Background



This preview shows how the Hex color D34BDA looks on a white background.

## Color Contrast Check

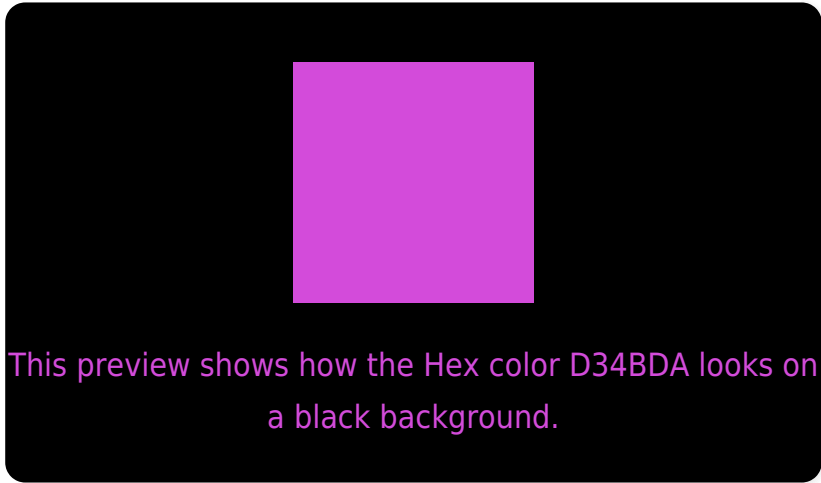
Large Text (above 18pt) WCAG AA ✓ Pass

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

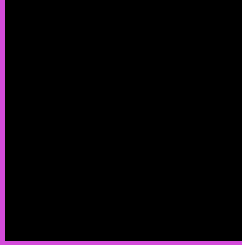
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D34BDA Background



This preview shows how black text looks on a background with the Hex color D34BDA.

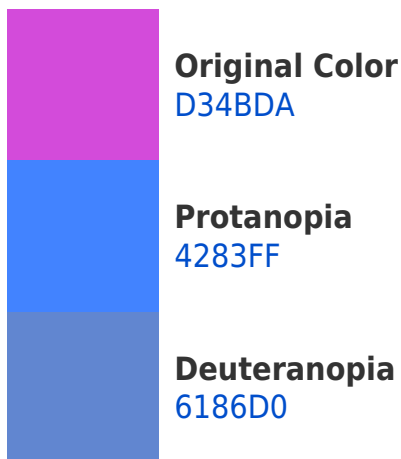



This preview shows how white text looks on a background with the Hex color D34BDA.

# 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](#).

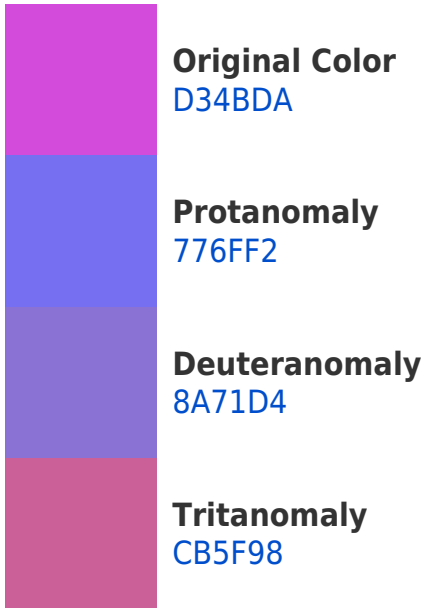
## Dichromacy



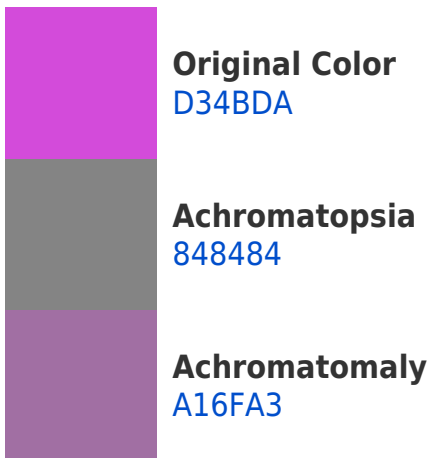


**Tritanopia**  
C76B73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D34BDA 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 #D34BDA looks like.

```
.text, #text, p{  
  color:#D34BDA  
}
```

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 #D34BDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D34BDA
}
```

## Border

The CSS property to change the border of an element to Hex D34BDA 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
#D34BDA }
```

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

```
.border{ border-color:#D34BDA }
```

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

Here you see how a box with a 4 pixel #D34BDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D34BDA; -webkit-box-shadow:4px 4px  
4px 4px #D34BDA; box-shadow:4px 4px 4px  
4px #D34BDA }
```

# Background

The CSS property to change the background color of an element to Hex D34BDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D34BDA }
```

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

```
.background{ background-color:#D34BDA }
```

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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