

# Converting Colors

Hex(D34CC0)

Have a look what the booklet for  
Hex(D34CC0) contains.

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# Color

Hex(D34CC0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D34CC0
RGB	211, 76, 192
RGB Percent	83%, 30%, 75%
CMY	0.1725, 0.7020, 0.2471
CMYK	0.00, 0.64, 0.09, 0.17
HSL	308°, 61%, 56%
HSV	308°, 64%, 83%
XYZ	38.9628, 22.8235, 52.2210
YIQ	129.5890, 43.2240, 64.6960

# Conversions

## Conversions Part 2

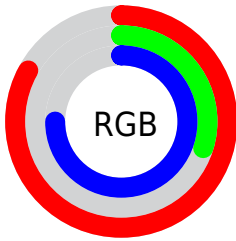
Format	Color
<a href="#">RYB</a>	<a href="#">211, 76, 192</a>
Decimal	<a href="#">13847744</a>
CIELab	<a href="#">54.89, 65.87, -34.33</a>
CIELCh	<a href="#">55, 74.275, 332.473</a>
Yxy	<a href="#">22.8235, 0.3418, 0.2002</a>
Android (android.graphics.Color)	<a href="#">4292037824 (0xFFD34CC0)</a>
YUV	<a href="#">129.5890, 30.7686, 71.3974</a>
Hunter-Lab	<a href="#">47.7740, 61.9741, -31.3672</a>

# Details

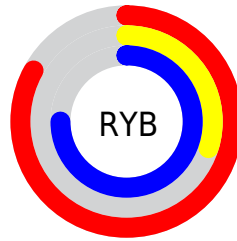
The Hex color **D34CC0** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **4CD35F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF85F9**, and **99008A** is the 20% darker color. If you saturate the color by 10%, you get **D337BD**, and if you desaturate by 10%, it is **D361C3**.

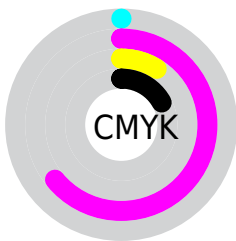
# Distribution



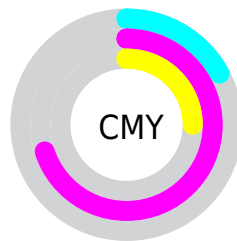
- Red (83%)
- Green (30%)
- Blue (75%)



- Red (83%)
- Yellow (30%)
- Blue (75%)



- Cyan (0%)
- Magenta (64%)
- Yellow (9%)
- Black (17%)



- Cyan (17%)
- Magenta (70%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D34CC0 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 D34CC0 by changing the saturation by 10% instead.



 D34CC0

 D34CC0

FFFFFF

 B62DA5

 FF85F9

 99008A

 FFA2FF

 7D0070

 FFBFFF

 610057

 FFDCFF

 460040

 FFF9FF

 2C0029

 000012

 000000

 D34CC0

 D34CC0

 D337BD

 D361C3

 D322BA

 D376C6

 D30DB7

 D38BC9

 D300B5

 D3A0CC

 D3B6CF

 D3CBD2

 D3E0D5

 D3F5D8

 D3FFDB

# Harmonies

## Analogous

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



856FF1



D34CC0



F23481

# Triad

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



D34CC0



9A8300



009FC7

# Complementary

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



D34CC0



4CD35F

# 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.



009F87



D34CC0



589300

# Square

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



D34CC0



CC6900



009C44



0099F6

# Rectangle

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



D34CC0



F23D57



009C44



00A0B3



# Sweetspot

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



D34CC0



FFCFF8



5E4CD3



80627B



000000



808080



# Same Dimension

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



D34CC0



FF3BE3



D34C7E



695E67



A80091



290023



# Inverse Universe

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



D34CC0



FF3BE3



4CD3A2



695E67



A80091



290023



# Previews

## White Background



This preview shows how the Hex color D34CC0 looks on a white background.

## Color Contrast Check

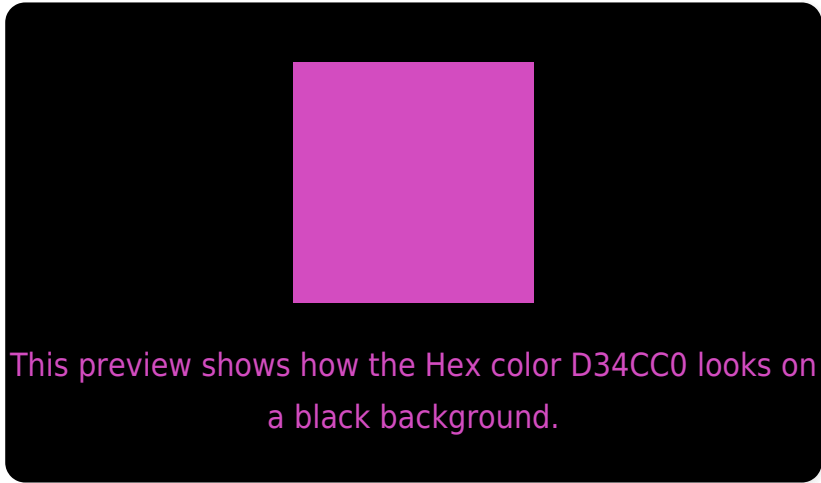
Large Text (above 18pt) WCAG AA ✓ Pass

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 D34CC0 Background



This preview shows how black text looks on a background with the Hex color D34CC0.

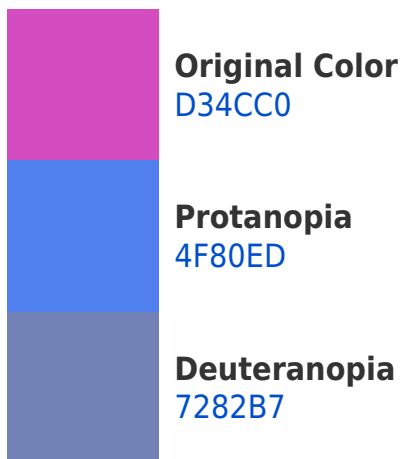



This preview shows how white text looks on a background with the Hex color D34CC0.

# 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](#).

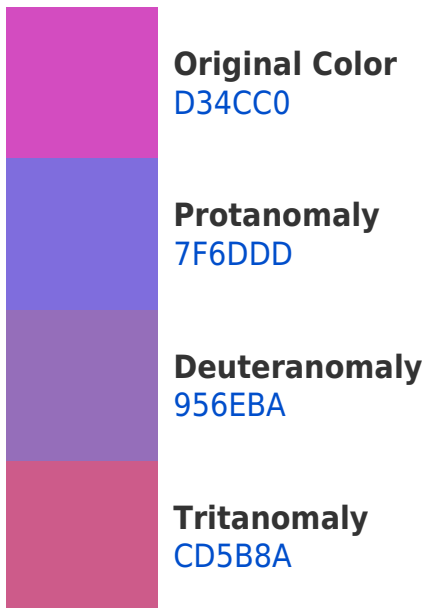
## Dichromacy



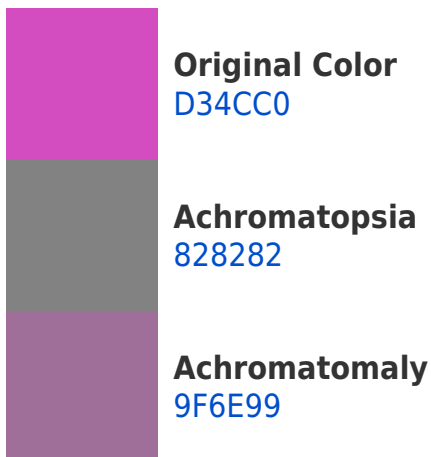


**Tritanopia**  
CA646B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D34CC0 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 #D34CC0 looks like.

```
.text, #text, p{  
    color:#D34CC0  
}
```

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 #D34CC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D34CC0
}
```

## Border

The CSS property to change the border of an element to Hex D34CC0 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
#D34CC0 }
```

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

```
.border{ border-color:#D34CC0 }
```

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

Here you see how a box with a 4 pixel #D34CC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D34CC0; -webkit-box-shadow:4px 4px  
4px 4px #D34CC0; box-shadow:4px 4px 4px  
4px #D34CC0 }
```

# Background

The CSS property to change the background color of an element to Hex D34CC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D34CC0 }
```

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

```
.background{ background-color:#D34CC0 }
```

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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