

# Converting Colors

Hex(D34DB2)

Have a look what the booklet for  
Hex(D34DB2) contains.

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# Color

Hex(D34DB2)

# Conversions

## Conversions Part 1

Format	Color
Hex	D34DB2
RGB	211, 77, 178
RGB Percent	83%, 30%, 70%
CMY	0.1725, 0.6980, 0.3020
CMYK	0.00, 0.64, 0.16, 0.17
HSL	315°, 60%, 56%
HSV	315°, 64%, 83%
XYZ	37.5537, 22.3710, 44.4582
YIQ	128.5800, 47.4430, 59.8190

# Conversions

## Conversions Part 2

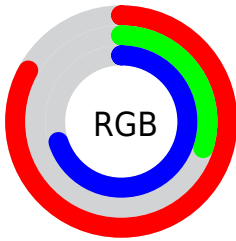
Format	Color
<a href="#">RYB</a>	<a href="#">211, 77, 178</a>
Decimal	<a href="#">13847986</a>
CIELab	<a href="#">54.42, 63.37, -26.96</a>
CIELCh	<a href="#">54, 68.865, 336.949</a>
Yxy	<a href="#">22.3710, 0.3598, 0.2143</a>
Android (android.graphics.Color)	<a href="#">4292038066 (0xFFD34DB2)</a>
YUV	<a href="#">128.5800, 24.3641, 72.2823</a>
Hunter-Lab	<a href="#">47.2980, 58.9542, -22.6216</a>

# Details

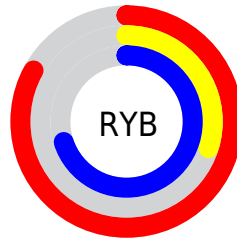
The Hex color **D34DB2** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **4DD36E**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF86EA**, and **99007D** is the 20% darker color. If you saturate the color by 10%, you get **D338AD**, and if you desaturate by 10%, it is **D362B7**.

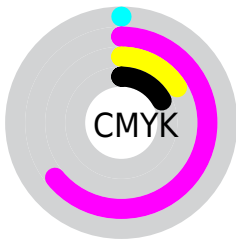
# Distribution



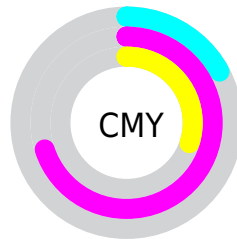
- Red (83%)
- Green (30%)
- Blue (70%)



- Red (83%)
- Yellow (30%)
- Blue (70%)



- Cyan (0%)
- Magenta (64%)
- Yellow (16%)
- Black (17%)



- Cyan (17%)
- Magenta (70%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D34DB2 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 D34DB2 by changing the saturation by 10% instead.



 D34DB2

 D34DB2

FFFFFF

 B62E97

 FF86EA

 99007D

 FFA2FF

 7D0064

 FFBFFF

 61004C

 FFDCFF

 460035

 FFFAFF

 2C001F

 000000

 D34DB2

 D34DB2

 D338AD

 D362B7

 D323A8

 D377BC

 D30EA2

 D38CC2

 D3009F

 D3A1C7

 D3B7CC

 D3CCD1

 D3E1D6

 D3F6DC

 D3FFE1

# Harmonies

## Analogous

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



946BE2



D34DB2



EA3E77

# Triad

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



D34DB2



908400



009CC9

# Complementary

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



D34DB2



4DD36E

# 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.



009D8F



D34DB2



50920D

# Square

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



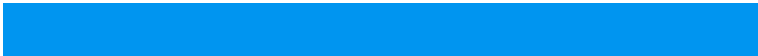
D34DB2



C16E00



009A51



0095F0

# Rectangle

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



D34DB2



E84950



009A51



009DB7



# Sweetspot

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



D34DB2



FFCFF3



6C4DD3



806278



000000



808080



# Same Dimension

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



D34DB2



FF3DCF



D34D71



695E66



A8007F



29001F



# Inverse Universe

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



D34DB2



FF3DCF



4DD3AF



695E66



A8007F



29001F



# Previews

## White Background



This preview shows how the Hex color D34DB2 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 D34DB2 Background



This preview shows how black text looks on a background with the Hex color D34DB2.

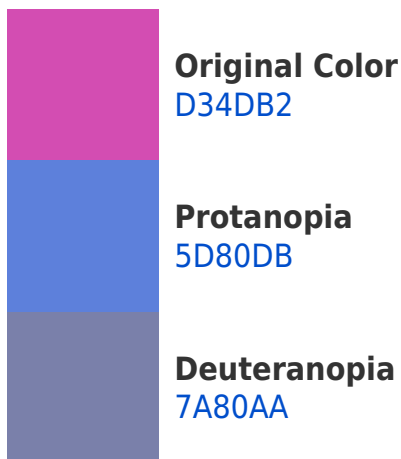


This preview shows how white text looks on a background with the Hex color D34DB2.

# Color Blindness Simulation

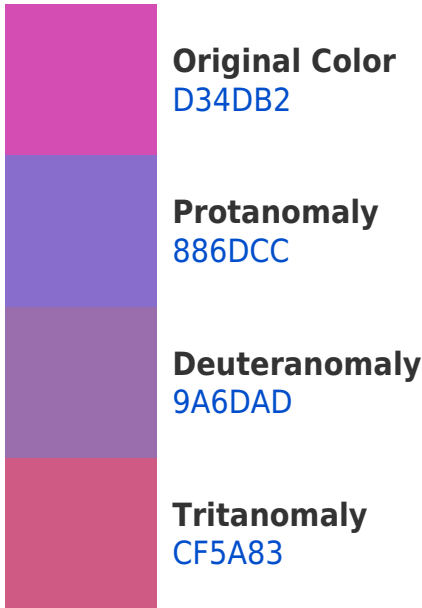
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

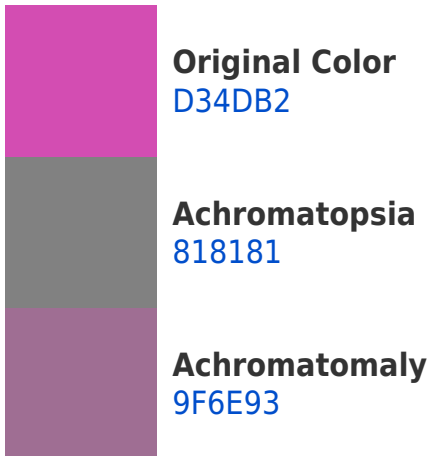




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D34DB2 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 #D34DB2 looks like.

```
.text, #text, p{  
    color:#D34DB2  
}
```

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 #D34DB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D34DB2
}
```

## Border

The CSS property to change the border of an element to Hex D34DB2 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
#D34DB2 }
```

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

```
.border{ border-color:#D34DB2 }
```

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

Here you see how a box with a 4 pixel #D34DB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D34DB2; -webkit-box-shadow:4px 4px  
4px 4px #D34DB2; box-shadow:4px 4px 4px  
4px #D34DB2 }
```

# Background

The CSS property to change the background color of an element to Hex D34DB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D34DB2 }
```

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

```
.background{ background-color:#D34DB2 }
```

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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