

Converting Colors

Hex(9349DD)

Have a look what the booklet for
Hex(9349DD) contains.

Hex(9349DD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9349DD)

Conversions

Conversions Part 1

Format	Color
Hex	9349DD
RGB	147, 73, 221
RGB Percent	58%, 29%, 87%
CMY	0.4235, 0.7137, 0.1333
CMYK	0.33, 0.67, 0.00, 0.13
HSL	270°, 69%, 58%
HSV	270°, 67%, 87%
XYZ	27.4663, 16.1886, 70.0837
YIQ	111.9980, -3.4040, 61.7160

Conversions

Conversions Part 2

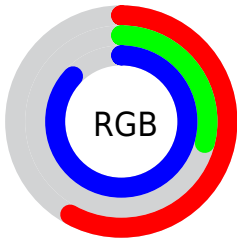
Format	Color
R_{YB}	147, 73, 221
Decimal	9652701
CIE _{Lab}	47.22, 58.06, -63.68
CIE _{LCh}	47, 86.177, 312.357
Yxy	16.1886, 0.2415, 0.1423
Android (android.graphics.Color)	4287842781 (0xFF9349DD)
YUV	111.9980, 53.7380, 30.6968
Hunter-Lab	40.2350, 51.4411, -75.1102

Details

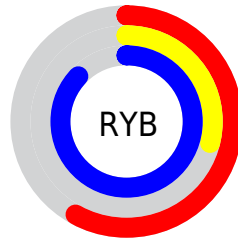
The Hex color **9349DD** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **93DD49**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **CD7EFF**, and **590EA5** is the 20% darker color. If you saturate the color by 10%, you get **8833DD**, and if you desaturate by 10%, it is **9E5FDD**.

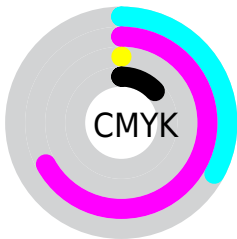
Distribution



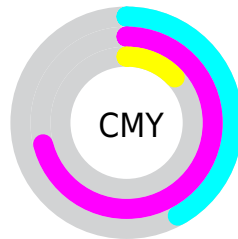
- Red (58%)
- Green (29%)
- Blue (87%)



- Red (58%)
- Yellow (29%)
- Blue (87%)



- Cyan (33%)
- Magenta (67%)
- Yellow (0%)
- Black (13%)



- Cyan (42%)
- Magenta (71%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9349DD 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 9349DD by changing the saturation by 10% instead.

 9349DD

 9349DD

FFFFFF

 762EC1

 CD7EFF

 590EA5

 EB9AFF

 3C008A

 FFB5FF

 190070

 FFD2FF

 000056

 FFEFFF

 00043E

 000327

 000110

 000000

 9349DD

 9349DD

 8833DD

 9E5FDD

 7D1DDD

 A975DD

 7207DD

 B48BDD

 6F00DD

 BFA1DD

 CAB8DD

 D5CEDD

 E0E4DD

 EBFADD

 F6FFDD

Harmonies

Analogous

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



0070FF



9349DD



D7009E

Triad

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



9349DD



AB5C00



008D8D

Complementary

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



9349DD



93DD49

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.



008A40



9349DD



6E7700

Square

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



9349DD



D72B07



008400



008CD2

Rectangle

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



9349DD



E8006E



008400



008C74

Sweetspot

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



9349DD



E6CCFF



4993DD



706180



000000



808080

Same Dimension

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



9349DD



9933FF



DD49DD



68636E



5700AD



17002E

Inverse Universe

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



DD4993



FF3399



49DD49



6E6368



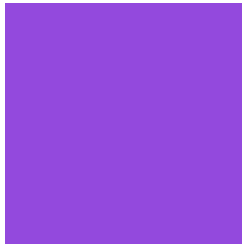
AD0057



2E0017

Previews

White Background



This preview shows how the Hex color 9349DD looks on a white background.

Color Contrast Check

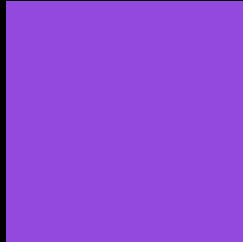
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 9349DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

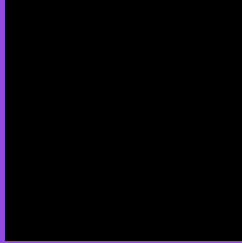
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 9349DD Background



This preview shows how black text looks on a background with the Hex color 9349DD.

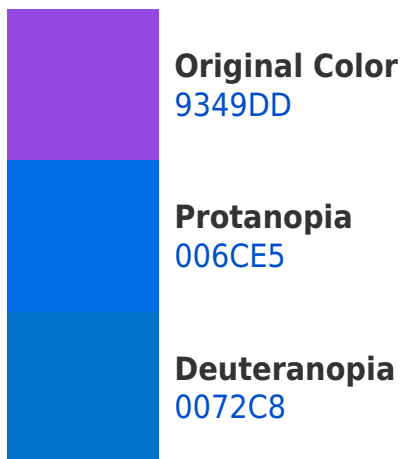



This preview shows how white text looks on a background with the Hex color 9349DD.

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](#).

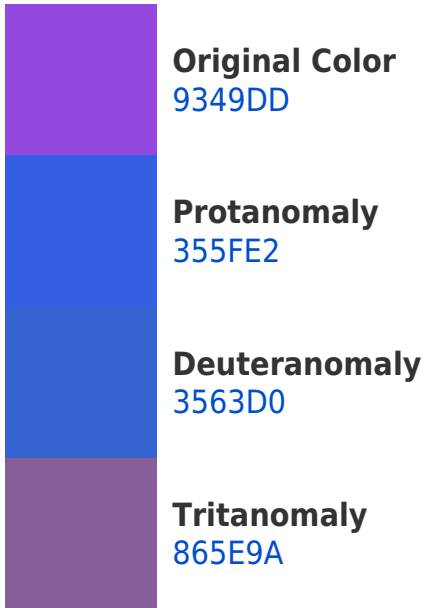
Dichromacy



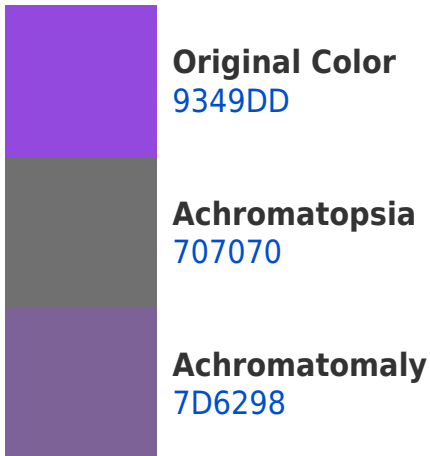


Tritanopia
7E6A73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9349DD 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 #9349DD looks like.

```
.text, #text, p{  
    color:#9349DD  
}
```

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 #9349DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9349DD
}
```

Border

The CSS property to change the border of an element to Hex 9349DD 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
#9349DD }
```

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

```
.border{ border-color:#9349DD }
```

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

Here you see how a box with a 4 pixel #9349DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9349DD; -webkit-box-shadow:4px 4px  
4px 4px #9349DD; box-shadow:4px 4px 4px  
4px #9349DD }
```

Background

The CSS property to change the background color of an element to Hex 9349DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9349DD }
```

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

```
.background{ background-color:#9349DD }
```

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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