

Converting Colors

Hex(D249ED)

Have a look what the booklet for
Hex(D249ED) contains.

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Color

Hex(D249ED)

Conversions

Conversions Part 1

Format	Color
Hex	D249ED
RGB	210, 73, 237
RGB Percent	82%, 29%, 93%
CMY	0.1765, 0.7137, 0.0706
CMYK	0.11, 0.69, 0.00, 0.07
HSL	290°, 82%, 61%
HSV	290°, 69%, 93%
XYZ	44.2469, 24.5811, 82.5333
YIQ	132.6590, 29.0080, 80.0480

Conversions

Conversions Part 2

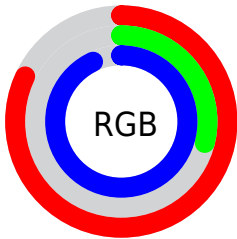
Format	Color
RYB	210, 73, 237
Decimal	13781485
CIELab	56.67, 74.30, -57.07
CIELCh	57, 93.689, 322.472
Yxy	24.5811, 0.2923, 0.1624
Android (android.graphics.Color)	4291971565 (0xFFD249ED)
YUV	132.6590, 51.4401, 67.8281
Hunter-Lab	49.5794, 72.5378, -63.9927

Details

The Hex color **D249ED** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **64ED49**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF84FF**, and **9700B4** is the 20% darker color. If you saturate the color by 10%, you get **CE31ED**, and if you desaturate by 10%, it is **D661ED**.

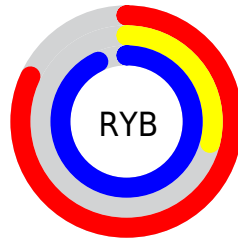
Distribution



Red (82%)

Green (29%)

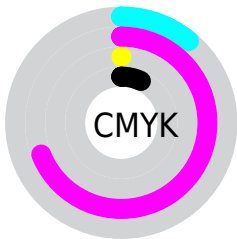
Blue (93%)



Red (82%)

Yellow (29%)

Blue (93%)

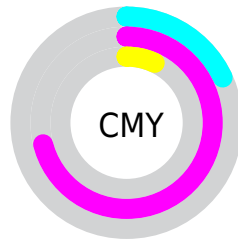


Cyan (11%)

Magenta (69%)

Yellow (0%)

Black (7%)



Cyan (18%)

Magenta (71%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color D249ED 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 D249ED by changing the saturation by 10% instead.

 D249ED

 D249ED

FFFFFF

 B427D0

 FF84FF

 9700B4

 FFA1FF

 7B0099

 FFBEFF

 5E007E

 FFDBFF

 420064

 FFF9FF

 26004C

 000034

 00021D

 000000

 D249ED

 D249ED

 CE31ED

 D661ED

 CA1AED

 DA78ED

 C602ED

 DE90ED

 C600ED

 E2A8ED

 E6C0ED

 E9D7ED

 EDEFED

 F1FFED

 F5FFED

Harmonies

Analogous

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



2B7CFF



D249ED



FF00A0

Triad

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



D249ED



B67E00



00A9C5

Complementary

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



D249ED



64ED49

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.



00A870



D249ED



6A9600

Square

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



D249ED



EF5400



00A204



00A6FF

Rectangle

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



D249ED



FF006A



00A204



00A9A9

Sweetspot

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



D249ED



F6C9FF



4964ED



7A6080



000000



808080

Same Dimension

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



D249ED



DC2BFF



ED49B6



736A75



9700B5



2D0036

Inverse Universe

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



ED4964



FF2B4E



49ED80



756A6C



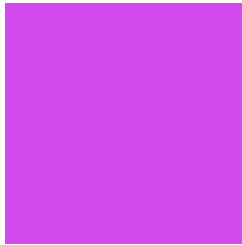
B5001E



360009

Previews

White Background



This preview shows how the Hex color D249ED 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

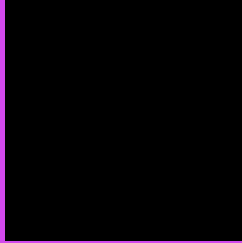
Any Text WCAG AA ✓ Pass

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 D249ED Background



This preview shows how black text looks on a background with the Hex color D249ED.

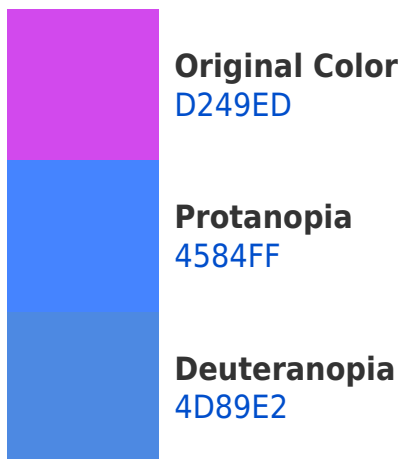


This preview shows how white text looks on a background with the Hex color D249ED.

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](#).

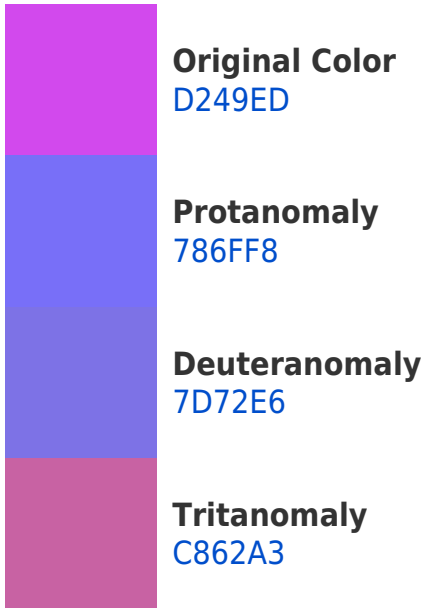
Dichromacy



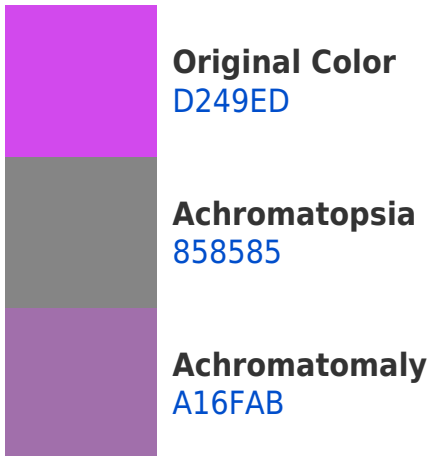


Tritanopia
C27078

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D249ED 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 #D249ED looks like.

```
.text, #text, p{  
    color:#D249ED  
}
```

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 #D249ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D249ED
}
```

Border

The CSS property to change the border of an element to Hex D249ED 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
#D249ED }
```

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

```
.border{ border-color:#D249ED }
```

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

Here you see how a box with a 4 pixel #D249ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D249ED; -webkit-box-shadow:4px 4px  
4px 4px #D249ED; box-shadow:4px 4px 4px  
4px #D249ED }
```

Background

The CSS property to change the background color of an element to Hex D249ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D249ED }
```

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

```
.background{ background-color:#D249ED }
```

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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