

Converting Colors

Hex(D851DE)

Have a look what the booklet for
Hex(D851DE) contains.

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Color

Hex(D851DE)

Conversions

Conversions Part 1

Format	Color
Hex	D851DE
RGB	216, 81, 222
RGB Percent	85%, 32%, 87%
CMY	0.1529, 0.6824, 0.1294
CMYK	0.03, 0.64, 0.00, 0.13
HSL	297°, 68%, 59%
HSV	297°, 64%, 87%
XYZ	44.4461, 25.7577, 71.7364
YIQ	137.4390, 35.1990, 72.4710

Conversions

Conversions Part 2

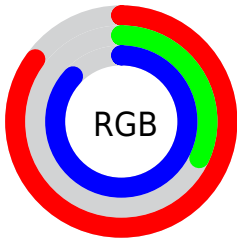
Format	Color
R _Y B	216, 81, 222
Decimal	14176734
CIE Lab	57.81, 69.96, -46.78
CIE LCh	58, 84.159, 326.233
Yxy	25.7577, 0.3131, 0.1815
Android (android.graphics.Color)	4292366814 (0xFFD851DE)
YUV	137.4390, 41.6886, 68.8980
Hunter-Lab	50.7521, 67.5054, -48.2781

Details

The Hex color **D851DE** 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 **57DE51**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF8BFF**, and **9E00A6** is the 20% darker color. If you saturate the color by 10%, you get **D73BDE**, and if you desaturate by 10%, it is **D967DE**.

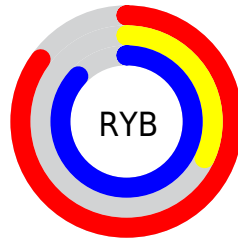
Distribution



Red (85%)

Green (32%)

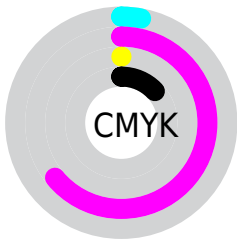
Blue (87%)



Red (85%)

Yellow (32%)

Blue (87%)

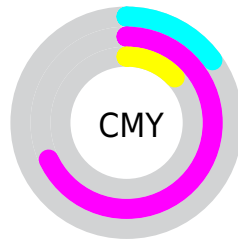


Cyan (3%)

Magenta (64%)

Yellow (0%)

Black (13%)



Cyan (15%)

Magenta (68%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color D851DE 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 D851DE by changing the saturation by 10% instead.

 D851DE

 D851DE

FFFFFF

 BB32C2

 FF8BFF

 9E00A6

 FFA7FF

 81008B

 FFC4FF

 650071

 FFE2FF

 490058

 300040

 0B0029

 000113

 000000

 D851DE

 D851DE

 D73BDE

 D967DE

 D625DE

 DA7DDE

 D50EDE

 DB94DE

 D500DE

 DCAADE

 DDC0DE

 DED6DE

 DFECDE

 E0FFDE

 E1FFDE

Harmonies

Analogous

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



6A7BFF



D851DE



FF2498

Triad

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



D851DE



B08500



00AACA

Complementary

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



D851DE



57DE51

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.



00A97F



D851DE



699900

Square

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



D851DE



E66400



00A42F



00A6FF

Rectangle

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



D851DE



FF2967



00A42F



00AAB2

Sweetspot

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



D851DE



FDCFFF



5158DE



7E6280



000000



808080

Same Dimension

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



D851DE



F73DFF



DE519F



706570



A800B0



2E0030

Inverse Universe

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



DE5157



FF3D45



51DE90



706565



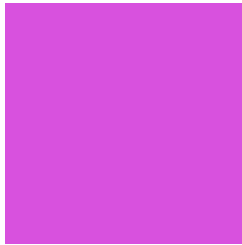
B00007



300002

Previews

White Background



This preview shows how the Hex color D851DE 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

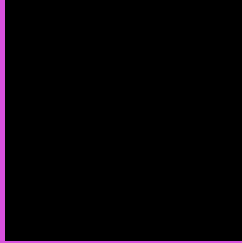
Any Text WCAG AA ✓ Pass

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 D851DE Background



This preview shows how black text looks on a background with the Hex color D851DE.

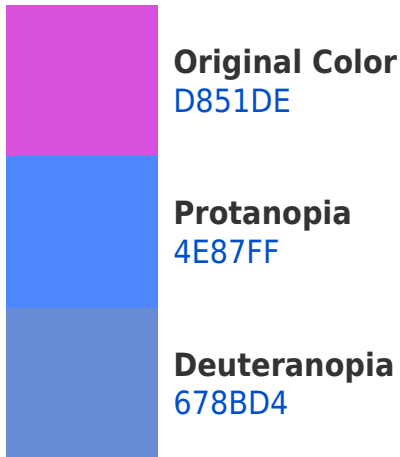


This preview shows how white text looks on a background with the Hex color D851DE.

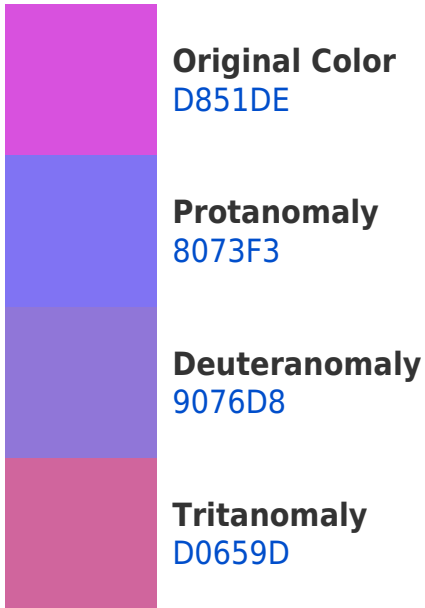
Color Blindness Simulation

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](#).

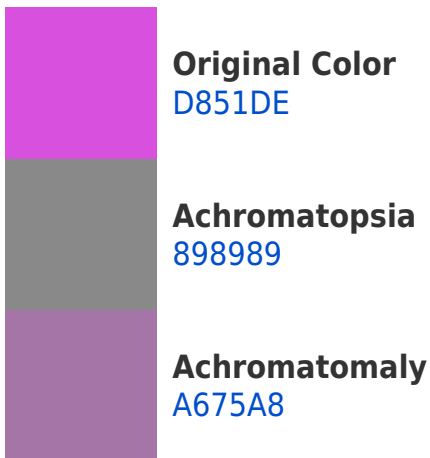
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D851DE 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 #D851DE looks like.

```
.text, #text, p{  
    color:#D851DE  
}
```

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 #D851DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D851DE
}
```

Border

The CSS property to change the border of an element to Hex D851DE 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
#D851DE }
```

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

```
.border{ border-color:#D851DE }
```

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

Here you see how a box with a 4 pixel #D851DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D851DE; -webkit-box-shadow:4px 4px  
4px 4px #D851DE; box-shadow:4px 4px 4px  
4px #D851DE }
```

Background

The CSS property to change the background color of an element to Hex D851DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D851DE }
```

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

```
.background{ background-color:#D851DE }
```

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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