

Converting Colors

Hex(D851D5)

Have a look what the booklet for
Hex(D851D5) contains.

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Color

Hex(D851D5)

Conversions

Conversions Part 1

Format	Color
Hex	D851D5
RGB	216, 81, 213
RGB Percent	85%, 32%, 84%
CMY	0.1529, 0.6824, 0.1647
CMYK	0.00, 0.62, 0.01, 0.15
HSL	301°, 63%, 58%
HSV	301°, 62%, 85%
XYZ	43.2716, 25.2879, 65.5512
YIQ	136.4130, 38.0880, 69.6720

Conversions

Conversions Part 2

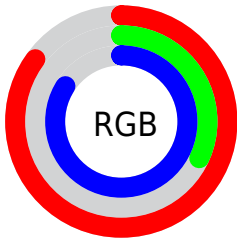
Format	Color
R _Y B	216, 81, 213
Decimal	14176725
CIE Lab	57.35, 68.46, -42.40
CIE LCh	57, 80.527, 328.226
Yxy	25.2879, 0.3227, 0.1886
Android (android.graphics.Color)	4292366805 (0xFFD851D5)
YUV	136.4130, 37.7574, 69.7978
Hunter-Lab	50.2871, 65.5953, -42.0859

Details

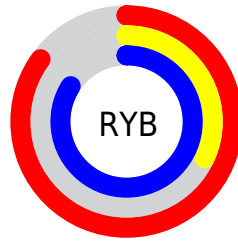
The Hex color **D851D5** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **51D854**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF8BFF**, and **9E019E** is the 20% darker color. If you saturate the color by 10%, you get **D83BD5**, and if you desaturate by 10%, it is **D867D5**.

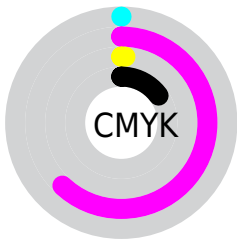
Distribution



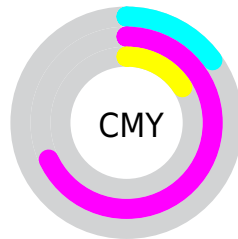
- Red (85%)
- Green (32%)
- Blue (84%)



- Red (85%)
- Yellow (32%)
- Blue (84%)



- Cyan (0%)
- Magenta (62%)
- Yellow (1%)
- Black (15%)



- Cyan (15%)
- Magenta (68%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color D851D5 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 D851D5 by changing the saturation by 10% instead.

 D851D5

 D851D5

FFFFFF

 BB32B9

 FF8BFF

 9E019E

 FFA7FF

 810083

 FFC4FF

 650069

 FFE2FF

 4A0051

 310039

 0B0022

 000008

 000000

 D851D5

 D851D5

 D83BD5

 D867D5

 D826D4

 D87CD6

 D810D4

 D892D6

 D800D3

 D8A7D7

 D8BDD7

 D8D3D8

 D8E8D8

 D8FED9

 D8FFD9

Harmonies

Analogous

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



7779FF



D851D5



FF2D91

Triad

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



D851D5



AA8500



00A8CB

Complementary

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



D851D5



51D854

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.



00A783



D851D5



659900

Square

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



D851D5



DF6700



00A339



00A3FF

Rectangle

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



D851D5



FF3463



00A339



00A8B4

Sweetspot

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



D851D5



FFCFFE



5351D8



80627F



000000



808080

Same Dimension

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



D851D5



FF40FB



D85192



6B606B



AB00A7



2B002A

Inverse Universe

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



D851D5



FF40FB



51D897



6B606B



AB00A7



2B002A

Previews

White Background



This preview shows how the Hex color D851D5 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 D851D5 Background



This preview shows how black text looks on a background with the Hex color D851D5.

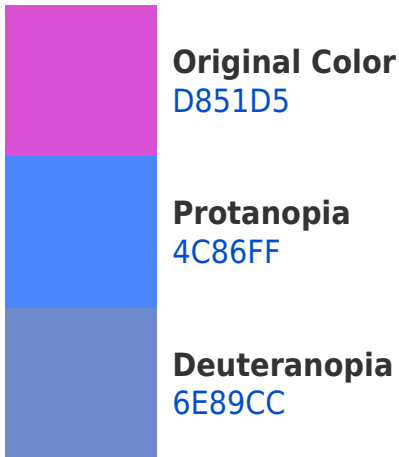



This preview shows how white text looks on a background with the Hex color D851D5.

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
CD6D75

Trichromacy



Original Color
D851D5



Protanomaly
7F73F0



Deuteranomaly
9575CF



Tritanomaly
D16398

Monochromacy



Original Color
D851D5



Achromatopsia
888888



Achromatomaly
A574A4

CSS Examples

Text

The CSS property to change the color of the text to Hex D851D5 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 #D851D5 looks like.

```
.text, #text, p{  
    color:#D851D5  
}
```

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 #D851D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D851D5
}
```

Border

The CSS property to change the border of an element to Hex D851D5 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
#D851D5 }
```

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

```
.border{ border-color:#D851D5 }
```

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

Here you see how a box with a 4 pixel #D851D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D851D5; -webkit-box-shadow:4px 4px  
4px 4px #D851D5; box-shadow:4px 4px 4px  
4px #D851D5 }
```

Background

The CSS property to change the background color of an element to Hex D851D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D851D5 }
```

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

```
.background{ background-color:#D851D5 }
```

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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