

Converting Colors

Hex(D451EF)

Have a look what the booklet for
Hex(D451EF) contains.

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Color

Hex(D451EF)

Conversions

Conversions Part 1

Format	Color
Hex	D451EF
RGB	212, 81, 239
RGB Percent	83%, 32%, 94%
CMY	0.1686, 0.6824, 0.0627
CMYK	0.11, 0.66, 0.00, 0.06
HSL	290°, 83%, 63%
HSV	290°, 66%, 94%
XYZ	45.6738, 26.1139, 84.2946
YIQ	138.1810, 27.3580, 76.9100

Conversions

Conversions Part 2

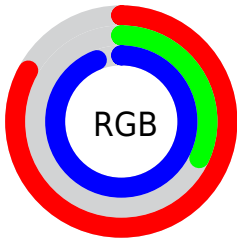
Format	Color
R _Y B	212, 81, 239
Decimal	13914607
CIE Lab	58.15, 72.04, -55.81
CIE LCh	58, 91.130, 322.237
Yxy	26.1139, 0.2926, 0.1673
Android (android.graphics.Color)	4292104687 (0xFFD451EF)
YUV	138.1810, 49.7038, 64.7393
Hunter-Lab	51.1018, 70.1119, -62.0302

Details

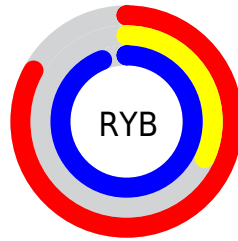
The Hex color **D451EF** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **6CEF51**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF8BFF**, and **9900B6** is the 20% darker color. If you saturate the color by 10%, you get **D039EF**, and if you desaturate by 10%, it is **D869EF**.

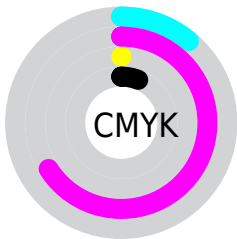
Distribution



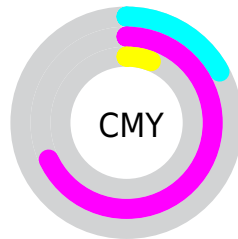
- Red (83%)
- Green (32%)
- Blue (94%)



- Red (83%)
- Yellow (32%)
- Blue (94%)



- Cyan (11%)
- Magenta (66%)
- Yellow (0%)
- Black (6%)



- Cyan (17%)
- Magenta (68%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color D451EF 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 D451EF by changing the saturation by 10% instead.

 D451EF

 D451EF

FFFFFF

 B631D2

 FF8BFF

 9900B6

 FFA8FF

 7D009B

 FFC5FF

 600080

 FFE2FF

 440066

 2A004D

 000035

 00021F

 000002

 D451EF

 D451EF

 D039EF

 D869EF

 CC21EF

 DC81EF

 C809EF

 E099EF

 C600EF

 E4B1EF

 E8C8EF

 EDE0EF

 F1F8EF

 F5FFEF

 F9FFEF

Harmonies

Analogous

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



3B80FF



D451EF



FF00A4

Triad

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



D451EF



BB8100



00ADC6

Complementary

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



D451EF



6CEF51

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.



00AB74



D451EF



719900

Square

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



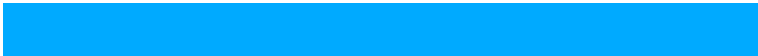
D451EF



F25A00



00A614



00AAFF

Rectangle

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



D451EF



FF006F



00A614



00ADAC

Sweetspot

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



D451EF



F6CCFF



516EEF



7A6180



000000



808080

Same Dimension

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



D451EF



DD36FF



EF51BD



766C78



9800B8



2F0038

Inverse Universe

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



EF516C



FF3658



51EF83



786C6E



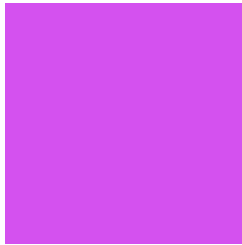
B8001F



38000A

Previews

White Background



This preview shows how the Hex color D451EF looks on a white background.

Color Contrast Check

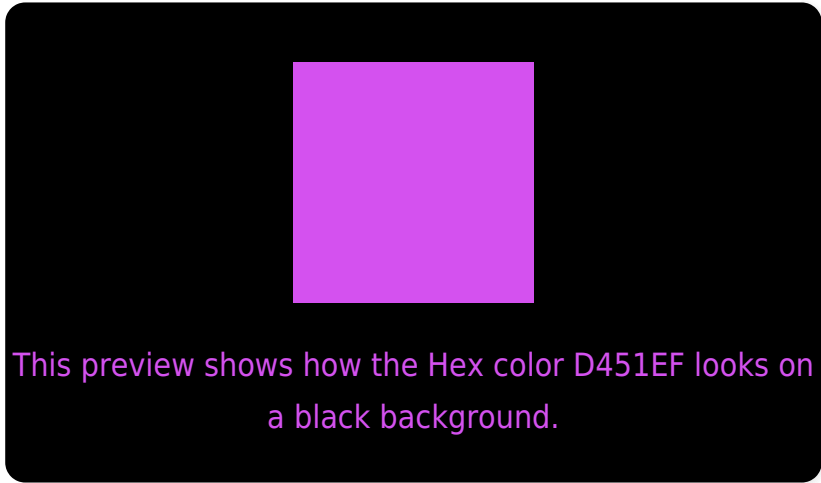
Large Text (above 18pt) WCAG AA ✓ Pass

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

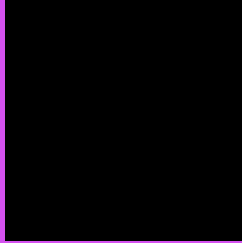
Any Text WCAG AA ✓ Pass

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 D451EF Background



This preview shows how black text looks on a background with the Hex color D451EF.

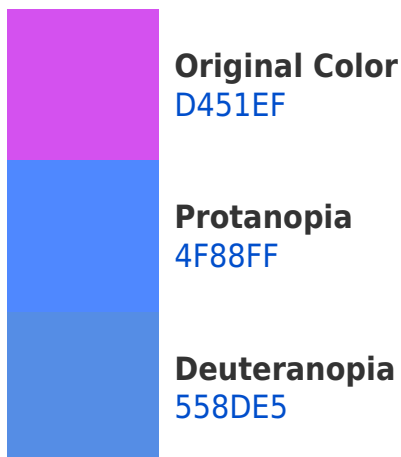


This preview shows how white text looks on a background with the Hex color D451EF.

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
C5747D

Trichromacy



Original Color
D451EF



Protanomaly
7F74F9



Deuteranomaly
8377E9



Tritanomaly
CA67A6

Monochromacy



Original Color
D451EF



Achromatopsia
8A8A8A



Achromatomaly
A575AF

CSS Examples

Text

The CSS property to change the color of the text to Hex D451EF 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 #D451EF looks like.

```
.text, #text, p{  
    color:#D451EF  
}
```

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 #D451EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D451EF
}
```

Border

The CSS property to change the border of an element to Hex D451EF is called "border". The border property can be set on classes, ids or directly on the HTML element.

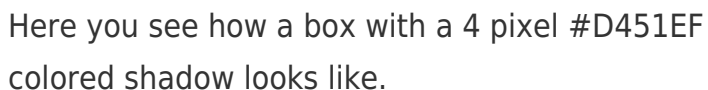
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D451EF }
```

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

```
.border{ border-color:#D451EF }
```

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



Here you see how a box with a 4 pixel #D451EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D451EF; -webkit-box-shadow:4px 4px  
4px 4px #D451EF; box-shadow:4px 4px 4px  
4px #D451EF }
```

Background

The CSS property to change the background color of an element to Hex D451EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D451EF }
```

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

```
.background{ background-color:#D451EF }
```

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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