

# Converting Colors

Hex(A451FD)

Have a look what the booklet for  
Hex(A451FD) contains.

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# Color

**Hex(A451FD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A451FD
RGB	164, 81, 253
RGB Percent	64%, 32%, 99%
CMY	0.3569, 0.6824, 0.0078
CMYK	0.35, 0.68, 0.00, 0.01
HSL	269°, 98%, 65%
HSV	269°, 68%, 99%
XYZ	35.9819, 20.8692, 95.0602
YIQ	125.4250, -5.7440, 71.0880

# Conversions

## Conversions Part 2

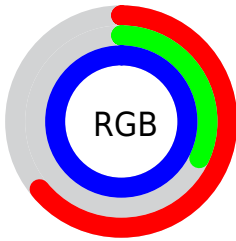
Format	Color
R <sub>Y</sub> B	164, 81, 253
Decimal	10768893
CIE Lab	52.81, 65.12, -72.52
CIE LCh	53, 97.470, 311.925
Yxy	20.8692, 0.2369, 0.1374
Android (android.graphics.Color)	4288958973 (0xFFA451FD)
YUV	125.4250, 62.8945, 33.8303
Hunter-Lab	45.6828, 60.6498, -91.3970

# Details

The Hex color **A451FD** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **AAFD51**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **E088FF**, and **6815C3** is the 20% darker color. If you saturate the color by 10%, you get **9738FD**, and if you desaturate by 10%, it is **B16AFD**.

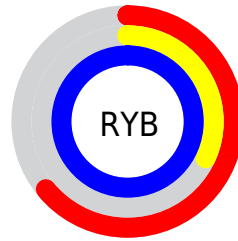
# Distribution



Red (64%)

Green (32%)

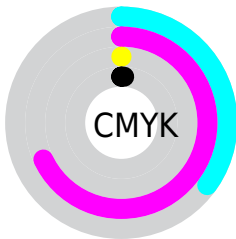
Blue (99%)



Red (64%)

Yellow (32%)

Blue (99%)

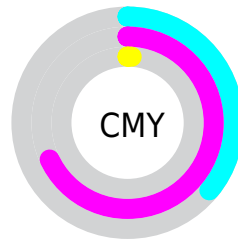


Cyan (35%)

Magenta (68%)

Yellow (0%)

Black (1%)



Cyan (36%)

Magenta (68%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A451FD 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 A451FD by changing the saturation by 10% instead.



 A451FD

 A451FD

FFFFFF

 8635E0

 E088FF

 6815C3

 FEA3FF

 4A00A7

 FFC0FF

 26008C

 FFDCFF

 000072

 FFFAFF

 000058

 00073F

 000328

 000112

■ A451FD

■ A451FD

■ 9738FD

■ B16AFD

■ 8A1EFD

■ BE84FD

■ 7D05FD

■ CB9DFD

■ 7A00FD

■ D8B6FD

■ E5D0FD

■ F3E9FD

FFFFFD

# Harmonies

## Analogous

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



007FFF



A451FD



F400B4

# Triad

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



A451FD



C26700



009F9F

# Complementary

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



A451FD



AAFD51

# 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.



009C45



A451FD



7B8500

# Square

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



A451FD



F42903



009500



009EEE

# Rectangle

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



A451FD



FF007D



009500



009E82



# Sweetspot

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



A451FD



E5CCFF



51ADFD



706180



000000



808080



# Same Dimension

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



A451FD



932EFF



F751FD



797380



5C00BF



1F0040



# Inverse Universe

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



FD51AA



FF2E9A



57FD51



807379



BF0063

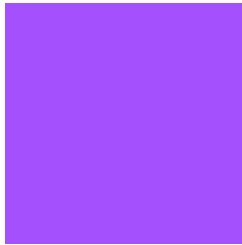


400021



# Previews

## White Background



This preview shows how the Hex color A451FD looks on a white background.

## Color Contrast Check

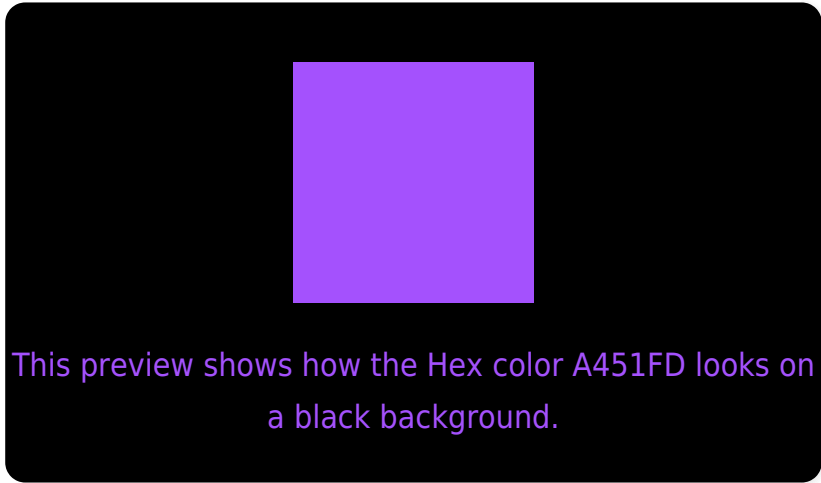
Large Text (above 18pt) WCAG AA ✓ Pass

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

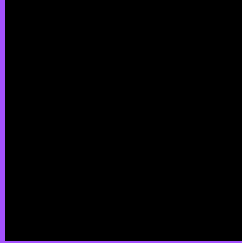
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A451FD Background



This preview shows how black text looks on a background with the Hex color A451FD.

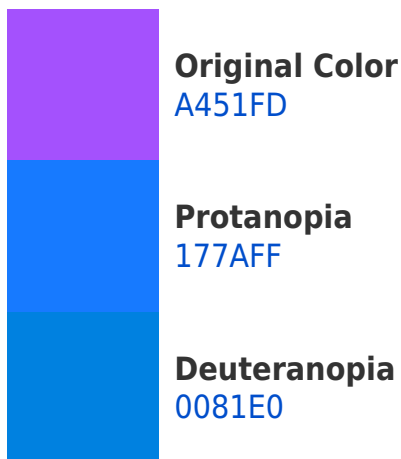


This preview shows how white text looks on a background with the Hex color A451FD.

# 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**  
8B7882

# Trichromacy



**Original Color**  
A451FD



**Protanomaly**  
4A6BFE



**Deuteranomaly**  
3C70EB



**Tritanomaly**  
946AAF

# Monochromacy



**Original Color**  
A451FD



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
8B6DAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A451FD 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 #A451FD looks like.

```
.text, #text, p{  
    color:#A451FD  
}
```

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 #A451FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A451FD
}
```

## Border

The CSS property to change the border of an element to Hex A451FD 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".

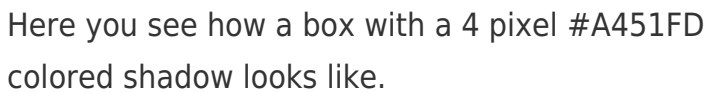
```
.border, #border, table{ border:4px solid
#A451FD }
```

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

```
.border{ border-color:#A451FD }
```

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

Here you see how a box with a 4 pixel #A451FD colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a thick purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A451FD; -webkit-box-shadow:4px 4px  
4px 4px #A451FD; box-shadow:4px 4px 4px  
4px #A451FD }
```

# Background

The CSS property to change the background color of an element to Hex A451FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A451FD }
```

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

```
.background{ background-color:#A451FD }
```

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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