

Converting Colors

Hex(A51FDA)

Have a look what the booklet for
Hex(A51FDA) contains.

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Color

Hex(A51FDA)

Conversions

Conversions Part 1

Format	Color
Hex	A51FDA
RGB	165, 31, 218
RGB Percent	65%, 12%, 85%
CMY	0.3529, 0.8784, 0.1451
CMYK	0.24, 0.86, 0.00, 0.15
HSL	283°, 75%, 49%
HSV	283°, 86%, 85%
XYZ	28.6619, 14.0413, 67.5292
YIQ	92.3840, 19.8370, 86.5650

Conversions

Conversions Part 2

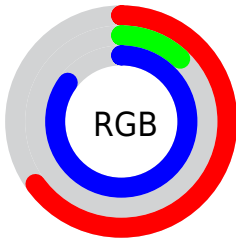
Format	Color
R_{YB}	165, 31, 218
Decimal	10821594
CIE _{Lab}	44.29, 75.41, -66.61
CIE _{LCh}	44, 100.617, 318.549
Yxy	14.0413, 0.2600, 0.1274
Android (android.graphics.Color)	4289011674 (0xFFA51FDA)
YUV	92.3840, 61.9287, 63.6842
Hunter-Lab	37.4717, 70.9585, -80.6188

Details

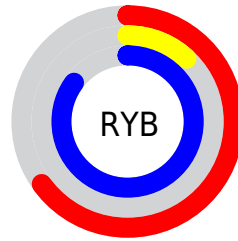
The Hex color **A51FDA** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **54DA1F**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **E161FF**, and **6A00A2** is the 20% darker color. If you saturate the color by 10%, you get **9F09DA**, and if you desaturate by 10%, it is **AB35DA**.

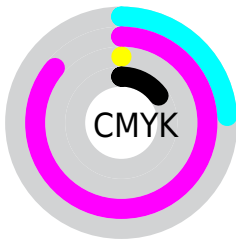
Distribution



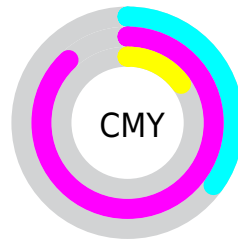
- Red (65%)
- Green (12%)
- Blue (85%)



- Red (65%)
- Yellow (12%)
- Blue (85%)



- Cyan (24%)
- Magenta (86%)
- Yellow (0%)
- Black (15%)



- Cyan (35%)
- Magenta (88%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color A51FDA 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 A51FDA by changing the saturation by 10% instead.

 A51FDA

 A51FDA

FFFFFF

 8800BE

 E161FF

 6A00A2

 FF7EFF

 4D0087

 FF9BFF

 2F006D

 FFB8FF

 050053

 FFD5FF

 00003B

 FFF3FF

 000224

 00000C

 000000

 A51FDA

 A51FDA

 9F09DA

 AB35DA

 9C00DA

 B14BDA

 B860DA

 BE76DA

 C48CDA

 CAA2DA

 D0B8DA

 D6CDDA

 DDE3DA

Harmonies

Analogous

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



0063FF



A51FDA



E6008D

Triad

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



A51FDA



9A5A00



00889C

Complementary

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



A51FDA



54DA1F

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.



008544



A51FDA



4E7400

Square

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



A51FDA



D21400



008000



0087E8

Rectangle

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



A51FDA



F10056



008000



008780

Sweetspot

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



A51FDA



ECBDFE



1F57DA



745880



000000



808080

Same Dimension

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



A51FDA



B700FF



DA1FB5



6B636E



7C00AD



21002E

Inverse Universe

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



DA1F54



FF0048



1FDA44



6E6366



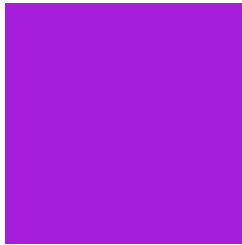
AD0031



2E000D

Previews

White Background



This preview shows how the Hex color A51FDA looks on a white background.

Color Contrast Check

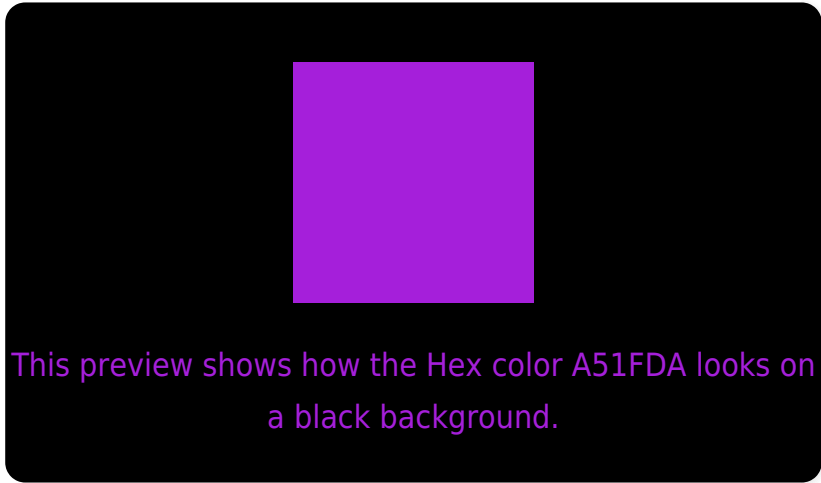
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

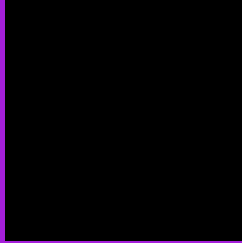
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex A51FDA Background



This preview shows how black text looks on a background with the Hex color A51FDA.

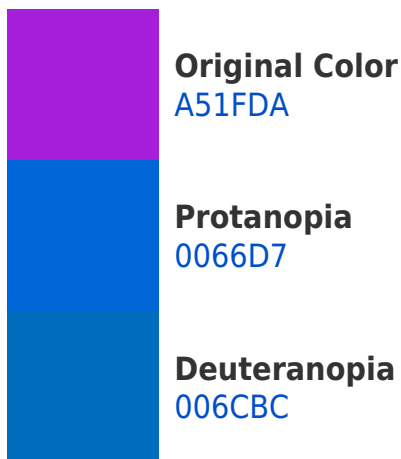



This preview shows how white text looks on a background with the Hex color A51FDA.

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](#).

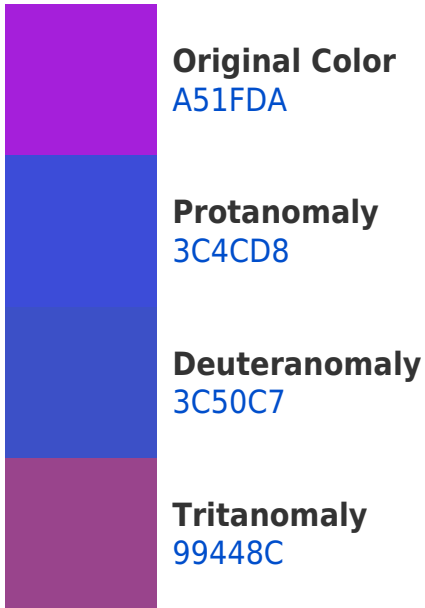
Dichromacy



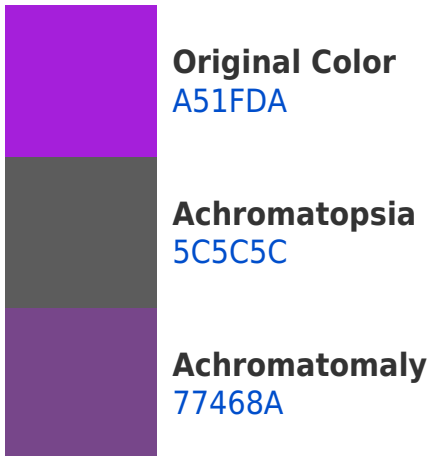


Tritanopia
92595F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A51FDA 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 #A51FDA looks like.

```
.text, #text, p{  
    color:#A51FDA  
}
```

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 #A51FDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A51FDA
}
```

Border

The CSS property to change the border of an element to Hex A51FDA 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
#A51FDA }
```

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

```
.border{ border-color:#A51FDA }
```

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

Here you see how a box with a 4 pixel #A51FDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A51FDA; -webkit-box-shadow:4px 4px  
4px 4px #A51FDA; box-shadow:4px 4px 4px  
4px #A51FDA }
```

Background

The CSS property to change the background color of an element to Hex A51FDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A51FDA }
```

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

```
.background{ background-color:#A51FDA }
```

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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