

Converting Colors

Hex(A51DFF)

Have a look what the booklet for
Hex(A51DFF) contains.

Hex(A51DFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A51DFF)

Conversions

Conversions Part 1

Format	Color
Hex	A51DFF
RGB	165, 29, 255
RGB Percent	65%, 11%, 100%
CMY	0.3529, 0.8863, 0.0000
CMYK	0.35, 0.89, 0.00, 0.00
HSL	276°, 100%, 56%
HSV	276°, 89%, 100%
XYZ	34.0064, 16.0981, 95.9226
YIQ	95.4280, 8.5100, 99.1180

Conversions

Conversions Part 2

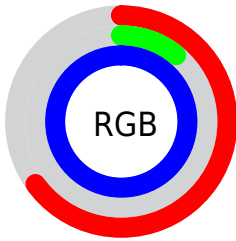
Format	Color
R_{YB}	165, 29, 255
Decimal	10821119
CIE _{Lab}	47.10, 82.96, -82.93
CIE _{LCh}	47, 117.304, 315.012
Yxy	16.0981, 0.2329, 0.1102
Android (android.graphics.Color)	4289011199 (0xFFA51DFF)
YUV	95.4280, 78.6690, 61.0146
Hunter-Lab	40.1224, 81.0765, -113.6619

Details

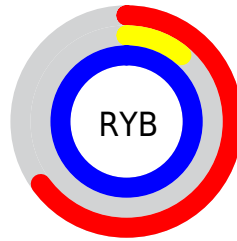
The Hex color **A51DFF** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **77FF1D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **E362FF**, and **6700C5** is the 20% darker color. If you saturate the color by 10%, you get **9B04FF**, and if you desaturate by 10%, it is **AF37FF**.

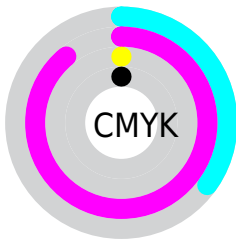
Distribution



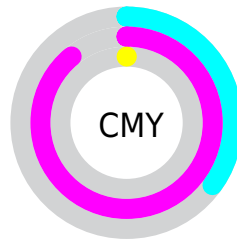
- Red (65%)
- Green (11%)
- Blue (100%)



- Red (65%)
- Yellow (11%)
- Blue (100%)



- Cyan (35%)
- Magenta (89%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (89%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color A51DFF 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 A51DFF by changing the saturation by 10% instead.

 A51DFF

 A51DFF

FFFFFF

 8600E2

 E362FF

 6700C5

 FF80FF

 4600A9

 FF9DFF

 1D008D

 FFBAFF

 000073

 FFD8FF

 000059

 FFF6FF

 000740

 000329

 000113

 A51DFF

 A51DFF

 9B04FF

 AF37FF

 9900FF

 B950FF

 C36AFF

 CE83FF

 D89DFF

 E2B6FF

 ECD0FF

 F6E9FF

FFFFFF

Harmonies

Analogous

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



006FFF



A51DFF



FD00A6

Triad

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



A51DFF



B05800



0092A1

Complementary

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



A51DFF



77FF1D

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.



008F37



A51DFF



597B00

Square

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



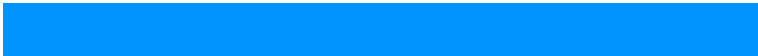
A51DFF



EE0000



008A00



0093FD

Rectangle

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



A51DFF



FF0065



008A00



00917F

Sweetspot

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



A51DFF



E4BAFF



1D77FF



6F5780



000000



808080

Same Dimension

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



A51DFF



9900FF



FF1DE8



7A7380



7300BF



260040

Inverse Universe

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



FF1D77



FF0066



1DFF34



807378



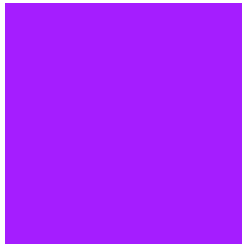
BF004C



400019

Previews

White Background



This preview shows how the Hex color A51DFF looks on a white background.

Color Contrast Check

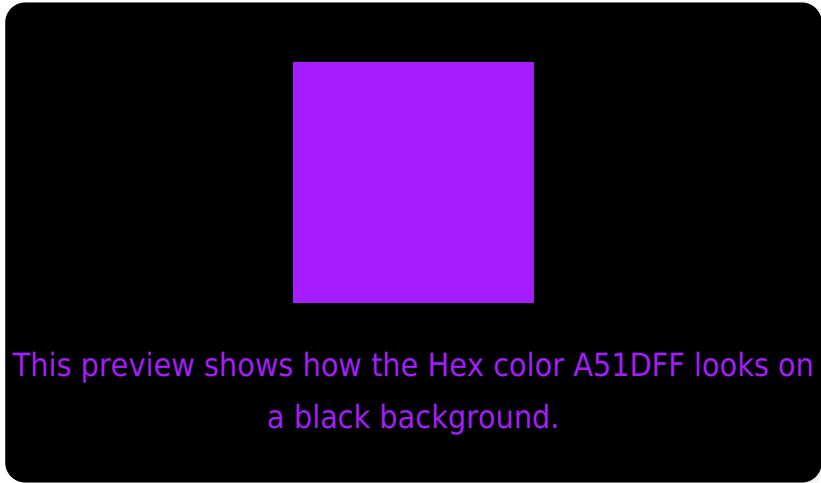
Large Text (above 18pt) WCAG AA ✓ Pass

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 A51DFF Background



This preview shows how black text looks on a background with the Hex color A51DFF.



This preview shows how white text looks on a background with the Hex color A51DFF.

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



Original Color
A51DFF

Protanopia
006CE3

Deuteranopia
0073C5



Tritanopia
89666E

Trichromacy



Original Color
A51DFF



Protanomaly
3C4FED



Deuteranomaly
3C54DA



Tritanomaly
934BA3

Monochromacy



Original Color
A51DFF



Achromatopsia
5F5F5F



Achromatomaly
784799

CSS Examples

Text

The CSS property to change the color of the text to Hex A51DFF 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 #A51DFF looks like.

```
.text, #text, p{  
    color:#A51DFF  
}
```

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 #A51DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A51DFF
}
```

Border

The CSS property to change the border of an element to Hex A51DFF 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
#A51DFF }
```

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

```
.border{ border-color:#A51DFF }
```

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

Here you see how a box with a 4 pixel #A51DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A51DFF; -webkit-box-shadow:4px 4px  
4px 4px #A51DFF; box-shadow:4px 4px 4px  
4px #A51DFF }
```

Background

The CSS property to change the background color of an element to Hex A51DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A51DFF }
```

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

```
.background{ background-color:#A51DFF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor