

Converting Colors

Hex(A51DF8)

Have a look what the booklet for
Hex(A51DF8) contains.

Hex(A51DF8)	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(A51DF8)

Conversions

Conversions Part 1

Format	Color
Hex	A51DF8
RGB	165, 29, 248
RGB Percent	65%, 11%, 97%
CMY	0.3529, 0.8863, 0.0275
CMYK	0.33, 0.88, 0.00, 0.03
HSL	277°, 94%, 54%
HSV	277°, 88%, 97%
XYZ	32.8997, 15.6554, 90.0947
YIQ	94.6300, 10.7570, 96.9410

Conversions

Conversions Part 2

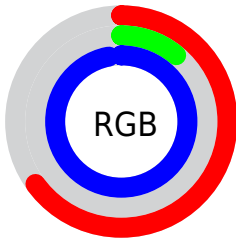
Format	Color
R_{YB}	165, 29, 248
Decimal	10821112
CIE _{Lab}	46.52, 81.59, -79.97
CIE _{LCh}	47, 114.244, 315.573
Yxy	15.6554, 0.2373, 0.1129
Android (android.graphics.Color)	4289011192 (0xFFA51DF8)
YUV	94.6300, 75.6114, 61.7145
Hunter-Lab	39.5669, 79.1800, -107.3079

Details

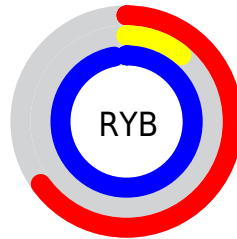
The Hex color **A51DF8** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **70F81D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **E262FF**, and **6800BE** is the 20% darker color. If you saturate the color by 10%, you get **9C04F8**, and if you desaturate by 10%, it is **AE36F8**.

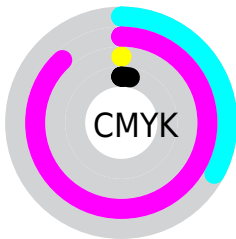
Distribution



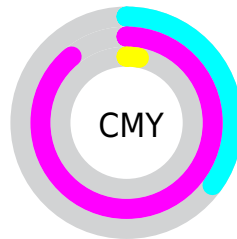
- Red (65%)
- Green (11%)
- Blue (97%)



- Red (65%)
- Yellow (11%)
- Blue (97%)



- Cyan (33%)
- Magenta (88%)
- Yellow (0%)
- Black (3%)



- Cyan (35%)
- Magenta (89%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color A51DF8 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 A51DF8 by changing the saturation by 10% instead.

 A51DF8

 A51DF8

FFFFFF

 8700DB

 E262FF

 6800BE

 FF7FFF

 4800A2

 FF9CFF

 220087

 FFBAFF

 00006D

 FFD7FF

 000053

 FFF5FF

 00063B

 000224

 00000C

 A51DF8

 A51DF8

 9C04F8

 AE36F8

 9A00F8

 B84FF8

 C167F8

 CB80F8

 D499F8

 DDB2F8

 E7CBF8

 F0E3F8

 FAFCF8

Harmonies

Analogous

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



006DFF



A51DF8



F800A1

Triad

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



A51DF8



AC5900



0090A0

Complementary

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



A51DF8



70F81D

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.



008D39



A51DF8



577A00

Square

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



A51DF8



E80000



008800



0091F9

Rectangle

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



A51DF8



FF0062



008800



008F7F

Sweetspot

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



A51DF8



E6BDF8



1D71F8



715880



000000



808080

Same Dimension

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



A51DF8



9E00FF



F81DDE



78707D



7500BD



26003D

Inverse Universe

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



F81D70



FF0061



1DF837



7D7075



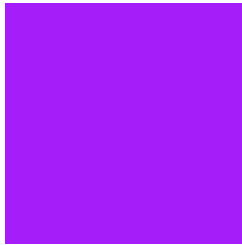
BD0048



3D0017

Previews

White Background



This preview shows how the Hex color A51DF8 looks on a white background.

Color Contrast Check

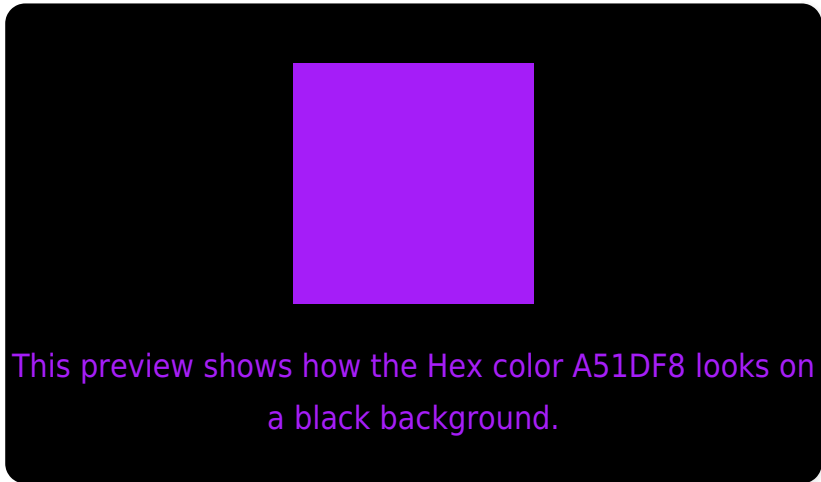
Large Text (above 18pt) WCAG AA ✓ Pass

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

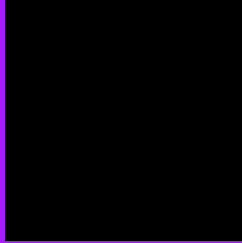
Any Text WCAG AA × Fail

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 A51DF8 Background



This preview shows how black text looks on a background with the Hex color A51DF8.

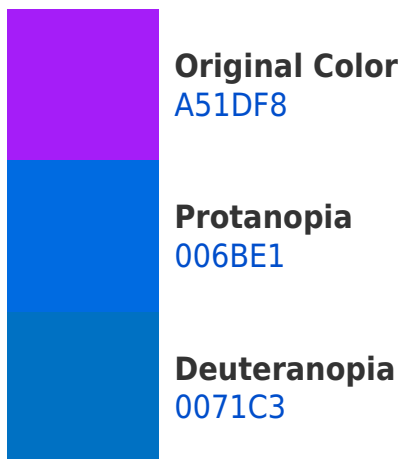



This preview shows how white text looks on a background with the Hex color A51DF8.

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
8B636B

Trichromacy



Original Color
A51DF8



Protanomaly
3C4FE9



Deuteranomaly
3C52D6

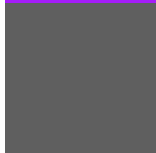


Tritanomaly
944A9E

Monochromacy



Original Color
A51DF8



Achromatopsia
5F5F5F



Achromatomaly
784797

CSS Examples

Text

The CSS property to change the color of the text to Hex A51DF8 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 #A51DF8 looks like.

```
.text, #text, p{  
    color:#A51DF8  
}
```

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 #A51DF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A51DF8
}
```

Border

The CSS property to change the border of an element to Hex A51DF8 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".

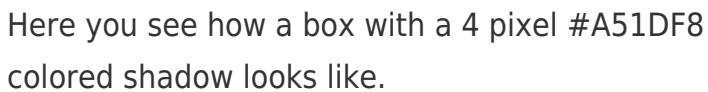
```
.border, #border, table{ border:4px solid
#A51DF8 }
```

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

```
.border{ border-color:#A51DF8 }
```

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

Here you see how a box with a 4 pixel #A51DF8 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A51DF8; -webkit-box-shadow:4px 4px  
4px 4px #A51DF8; box-shadow:4px 4px 4px  
4px #A51DF8 }
```

Background

The CSS property to change the background color of an element to Hex A51DF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A51DF8 }
```

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

```
.background{ background-color:#A51DF8 }
```

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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