

# Converting Colors

Hex(A152DB)

Have a look what the booklet for  
Hex(A152DB) contains.

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**Color**

**Hex(A152DB)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | A152DB                    |
| RGB           | 161, 82, 219              |
| RGB Percent   | 63%, 32%, 86%             |
| CMY           | 0.3686, 0.6784, 0.1412    |
| CMYK          | 0.26, 0.63, 0.00, 0.14    |
| HSL           | 275°, 66%, 59%            |
| HSV           | 275°, 63%, 86%            |
| XYZ           | 30.5014, 18.7261, 69.0247 |
| YIQ           | 121.2390, 3.1070, 59.3550 |

# Conversions

## Conversions Part 2

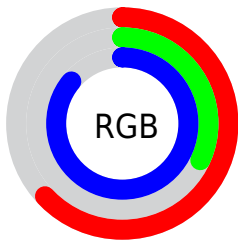
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 161, 82, 219                  |
| Decimal                             | 10572507                      |
| CIELab                              | 50.37, 56.26, -57.39          |
| CIELCh                              | 50, 80.365, 314.433           |
| Yxy                                 | 18.7261, 0.2579,<br>0.1584    |
| Android<br>(android.graphics.Color) | 4288762587<br>(0xFFA152DB)    |
| YUV                                 | 121.2390, 48.1962,<br>34.8704 |
| Hunter-Lab                          | 43.2737, 50.0866,<br>-64.2803 |

# Details

The Hex color **A152DB** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **8CDB52**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **DB87FF**, and **691BA3** is the 20% darker color. If you saturate the color by 10%, you get **983CDB**, and if you desaturate by 10%, it is **AA68DB**.

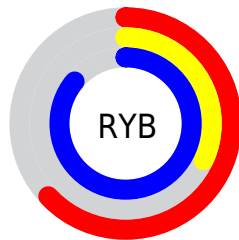
# Distribution



Red (63%)

Green (32%)

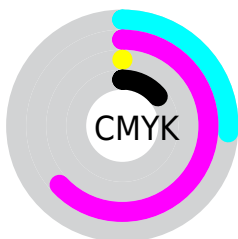
Blue (86%)



Red (63%)

Yellow (32%)

Blue (86%)

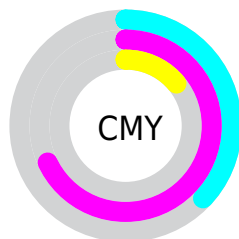


Cyan (26%)

Magenta (63%)

Yellow (0%)

Black (14%)



Cyan (37%)

Magenta (68%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A152DB 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 A152DB by changing the saturation by 10% instead.



 A152DB

 A152DB

FFFFFF

 8537BF

 DB87FF

 691BA3

 F9A3FF

 4D0088

 FFBFFF

 30006E

 FFDBFF

 140055

 FFF9FF

 00003D

 000226

 00010F

 000000

 A152DB

 A152DB

 983CDB

 AA68DB

 8E26DB

 B47EDB

 8510DB

 BD94DB

 7E00DB

 C6AADB

 CFC0DB

 D9D5DB

 E2EBDB

 EBFFDB

 F4FFDB

# Harmonies

## Analogous

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



0076FF



A152DB



DD1C9E

# Triad

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



A152DB



AF6800



009598

# Complementary

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



A152DB



8CDB52

# 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.



009250



A152DB



737F00

# Square

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



A152DB



D94215



008C00



0093D7

# Rectangle

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



A152DB



EC0071



008C00



009481



# Sweetspot

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



A152DB



EACFFF



528DDB



736280



000000



808080



# Same Dimension

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



A152DB



AE40FF



DB52D2



69636E



6400AD



1A002E



# Inverse Universe

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



DB528C



FF4091



52DB5B



6E6367



AD0049

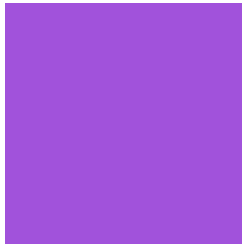


2E0013



# Previews

## White Background



This preview shows how the Hex color A152DB looks on a white background.

## Color Contrast Check

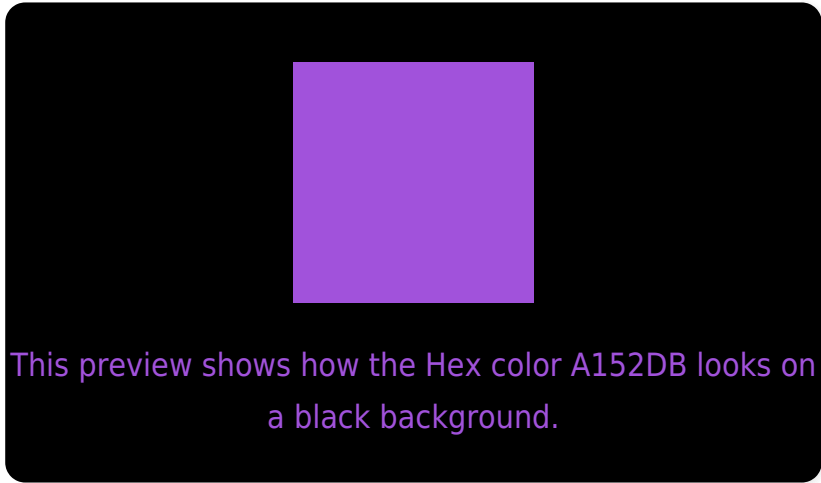
Large Text (above 18pt) WCAG AA ✓ Pass

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

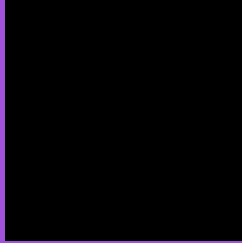
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A152DB Background



This preview shows how black text looks on a background with the Hex color A152DB.

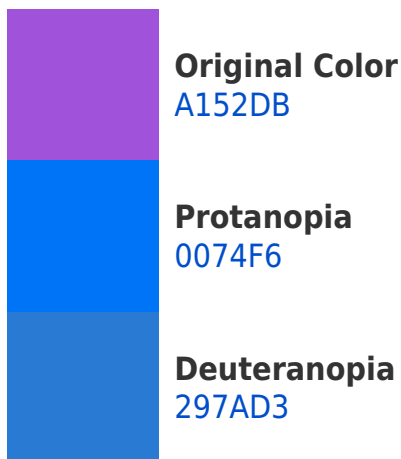


This preview shows how white text looks on a background with the Hex color A152DB.

# 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](#).

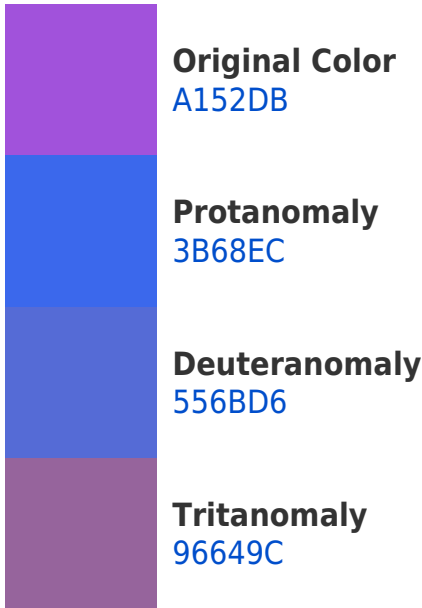
## Dichromacy



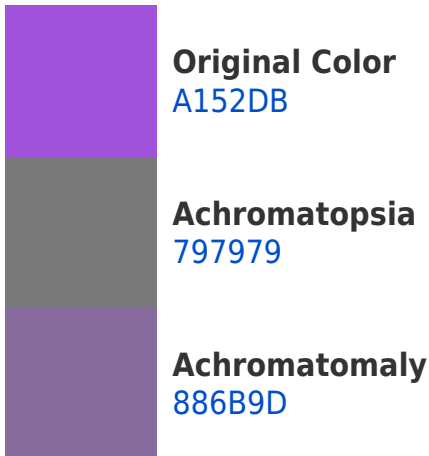


**Tritanopia**  
906F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A152DB 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 #A152DB looks like.

```
.text, #text, p{  
    color:#A152DB  
}
```

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 #A152DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A152DB
}
```

## Border

The CSS property to change the border of an element to Hex A152DB 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".

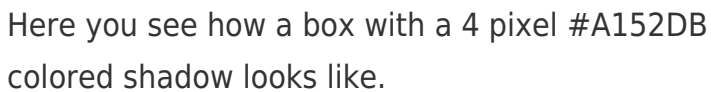
```
.border, #border, table{ border:4px solid
#A152DB }
```

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

```
.border{ border-color:#A152DB }
```

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

Here you see how a box with a 4 pixel #A152DB 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 #A152DB; -webkit-box-shadow:4px 4px  
4px 4px #A152DB; box-shadow:4px 4px 4px  
4px #A152DB }
```

# Background

The CSS property to change the background color of an element to Hex A152DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A152DB }
```

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

```
.background{ background-color:#A152DB }
```

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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