

# Converting Colors

Hex(AA2BF3)

Have a look what the booklet for  
Hex(AA2BF3) contains.

<b>Hex(AA2BF3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(AA2BF3)

# Conversions

## Conversions Part 1

Format	Color
Hex	AA2BF3
RGB	170, 43, 243
RGB Percent	67%, 17%, 95%
CMY	0.3333, 0.8314, 0.0471
CMYK	0.30, 0.82, 0.00, 0.05
HSL	278°, 89%, 56%
HSV	278°, 82%, 95%
XYZ	33.6191, 16.7449, 86.2542
YIQ	103.7730, 11.4920, 89.1240

# Conversions

## Conversions Part 2

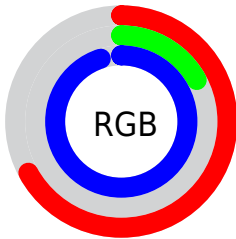
Format	Color
R <sub>Y</sub> B	170, 43, 243
Decimal	11152371
CIE Lab	47.94, 78.02, -74.82
CIE LCh	48, 108.095, 316.198
Yxy	16.7449, 0.2461, 0.1226
Android (android.graphics.Color)	4289342451 (0xFFAA2BF3)
YUV	103.7730, 68.6389, 58.0811
Hunter-Lab	40.9205, 75.0396, -96.3300

# Details

The Hex color **AA2BF3** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **74F32B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **E76AFF**, and **6E00BA** is the 20% darker color. If you saturate the color by 10%, you get **A113F3**, and if you desaturate by 10%, it is **B343F3**.

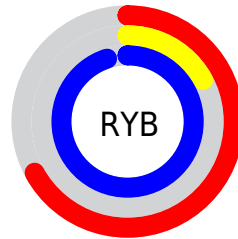
# Distribution



Red (67%)

Green (17%)

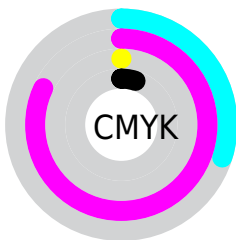
Blue (95%)



Red (67%)

Yellow (17%)

Blue (95%)

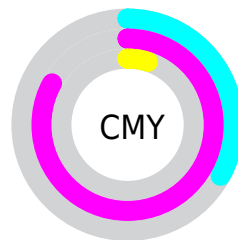


Cyan (30%)

Magenta (82%)

Yellow (0%)

Black (5%)



Cyan (33%)

Magenta (83%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA2BF3 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 AA2BF3 by changing the saturation by 10% instead.



■ AA2BF3

■ AA2BF3

FFFFFF

■ 8C00D6

■ E76AFF

■ 6E00BA

■ FF87FF

■ 4F009E

■ FFA4FF

■ 2E0083

■ FFC1FF

■ 000069

■ FFDEFF

■ 00004F

■ FFFCFF

■ 000537

■ 000221

■ 000006

■ AA2BF3

■ AA2BF3

■ A113F3

■ B343F3

■ 9A00F3

■ BC5CF3

■ C574F3

■ CD8CF3

■ D6A4F3

■ DFBDF3

■ E8D5F3

■ F1EDF3

■ FAFFF3

# Harmonies

## Analogous

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



006FFF



AA2BF3



F700A0

# Triad

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



AA2BF3



AD5E00



0093A3

# Complementary

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



AA2BF3



74F32B

# 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.



009042



AA2BF3



5C7D00

# Square

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



AA2BF3



E70000



008B00



0093F7

# Rectangle

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



AA2BF3



FF0064



008B00



009283



# Sweetspot

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



AA2BF3



E8BFFF



2B74F3



725980



000000



808080



# Same Dimension

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



AA2BF3



A303FF



F32BD8



766E7A



7600BA



25003B



# Inverse Universe

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



F32B74



FF035F



2BF346



7A6E73



BA0044

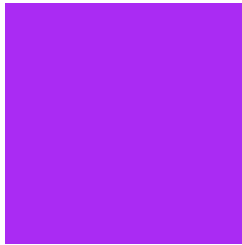


3B0015



# Previews

## White Background



This preview shows how the Hex color AA2BF3 looks on a white background.

## Color Contrast Check

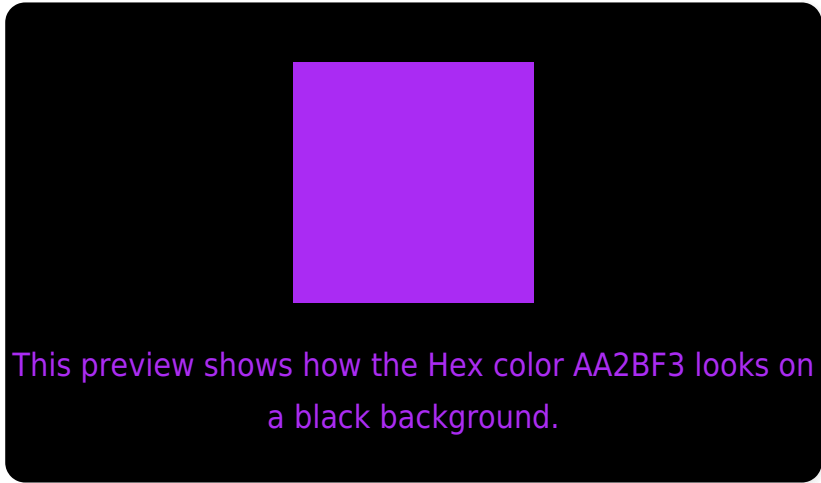
Large Text (above 18pt) WCAG AA ✓ Pass

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

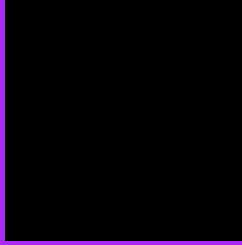
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AA2BF3 Background



This preview shows how black text looks on a background with the Hex color AA2BF3.

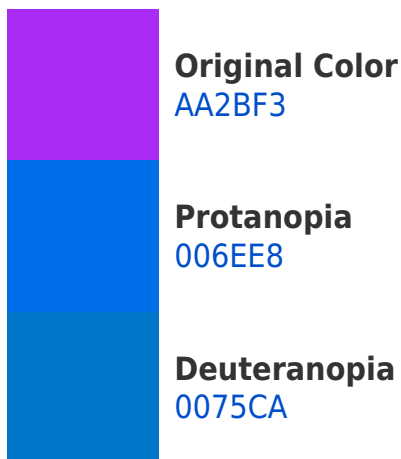



This preview shows how white text looks on a background with the Hex color AA2BF3.

# 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](#).

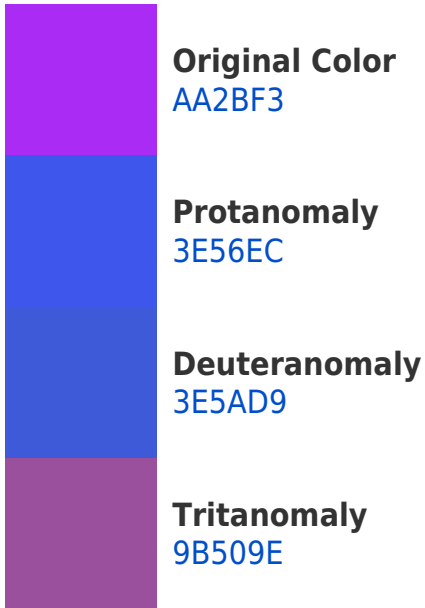
## Dichromacy



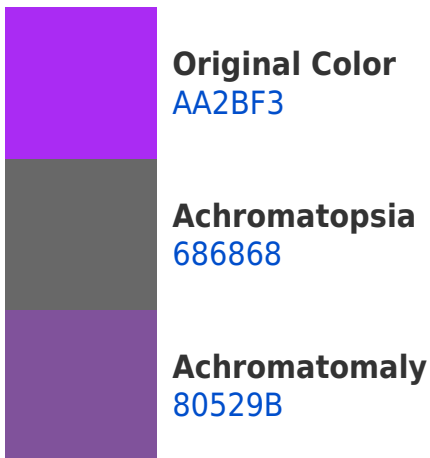


**Tritanopia**  
93656D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA2BF3 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 #AA2BF3 looks like.

```
.text, #text, p{  
    color:#AA2BF3  
}
```

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 #AA2BF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA2BF3
}
```

## Border

The CSS property to change the border of an element to Hex AA2BF3 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
#AA2BF3 }
```

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

```
.border{ border-color:#AA2BF3 }
```

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

Here you see how a box with a 4 pixel #AA2BF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA2BF3; -webkit-box-shadow:4px 4px  
4px 4px #AA2BF3; box-shadow:4px 4px 4px  
4px #AA2BF3 }
```

# Background

The CSS property to change the background color of an element to Hex AA2BF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA2BF3 }
```

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

```
.background{ background-color:#AA2BF3 }
```

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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