

# Converting Colors

Hex(AA2FCC)

Have a look what the booklet for  
Hex(AA2FCC) contains.

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# Color

Hex(AA2FCC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AA2FCC
RGB	170, 47, 204
RGB Percent	67%, 18%, 80%
CMY	0.3333, 0.8157, 0.2000
CMYK	0.17, 0.77, 0.00, 0.20
HSL	287°, 63%, 49%
HSV	287°, 77%, 80%
XYZ	28.4932, 14.9387, 58.5084
YIQ	101.6750, 22.9110, 74.9030

# Conversions

## Conversions Part 2

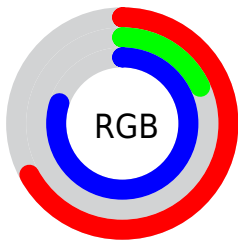
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 47, 204
Decimal	11153356
CIE <sub>Lab</sub>	45.55, 69.33, -56.48
CIE <sub>LCh</sub>	46, 89.424, 320.834
Yxy	14.9387, 0.2795, 0.1465
Android (android.graphics.Color)	4289343436 (0xFFAA2FCC)
YUV	101.6750, 50.4462, 59.9210
Hunter-Lab	38.6506, 63.9512, -62.6964

# Details

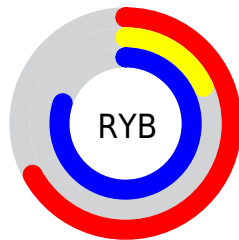
The Hex color **AA2FCC** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **51CC2F**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **E56BFF**, and **710095** is the 20% darker color. If you saturate the color by 10%, you get **A61BCC**, and if you desaturate by 10%, it is **AE43CC**.

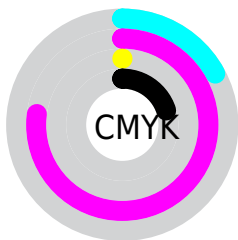
# Distribution



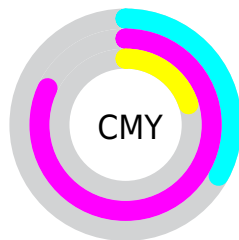
- Red (67%)
- Green (18%)
- Blue (80%)



- Red (67%)
- Yellow (18%)
- Blue (80%)



- Cyan (17%)
- Magenta (77%)
- Yellow (0%)
- Black (20%)



- Cyan (33%)
- Magenta (82%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA2FCC 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 AA2FCC by changing the saturation by 10% instead.



■ AA2FCC

■ AA2FCC

FFFFFF

■ 8D00B0

■ E56BFF

■ 710095

■ FF87FF

■ 55007A

■ FFA3FF

■ 380061

■ FFC0FF

■ 1C0048

■ FFDDFF

■ 000030

■ FFFBFF

■ 00011A

■ 000000

■ AA2FCC

■ AA2FCC

 A61BCC

 AE43CC

 A106CC

 B358CC

 A000CC

 B76CCC

 BC81CC

 C095CC

 C5A9CC

 C9BECC

 CDD2CC

 D2E7CC

# Harmonies

## Analogous

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



0063FB



AA2FCC



DF0086

# Triad

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



AA2FCC



976100



0089A0

# Complementary

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



AA2FCC



51CC2F

# 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.



008752



AA2FCC



527800

# Square

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



AA2FCC



CA3500



008300



0087E1

# Rectangle

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



AA2FCC



E80055



008300



008986



# Sweetspot

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



AA2FCC



F2C4FF



2F51CC



785C80



000000



808080



# Same Dimension

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



AA2FCC



CC14FF



CC2FA0



645C66



8200A6



1E0026



# Inverse Universe

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



CC2F51



FF1447



2FCC5B



665C5E



A60024



260008



# Previews

## White Background



This preview shows how the Hex color AA2FCC looks on a white background.

## Color Contrast Check

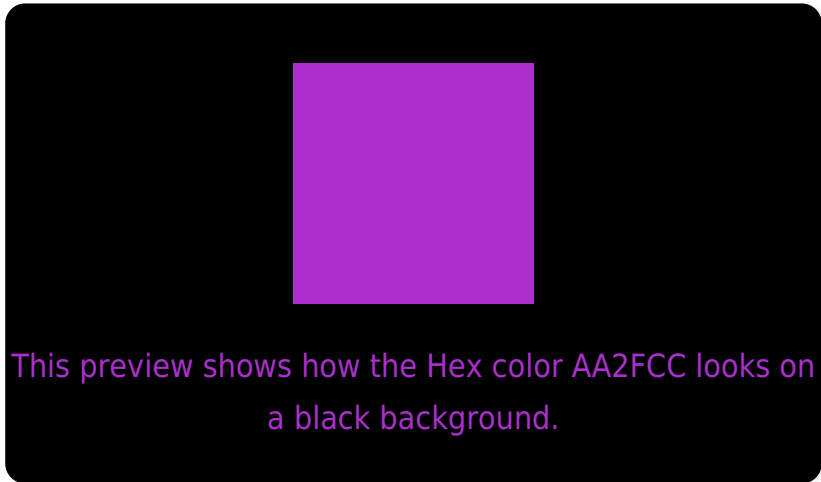
Large Text (above 18pt) WCAG AA ✓ Pass

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

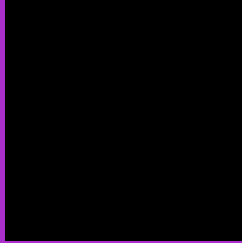
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AA2FCC Background



This preview shows how black text looks on a background with the Hex color AA2FCC.

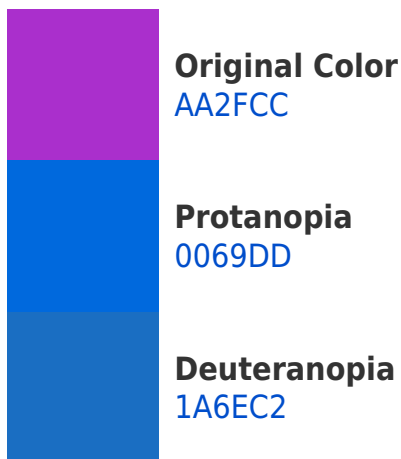



This preview shows how white text looks on a background with the Hex color AA2FCC.

# 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](#).

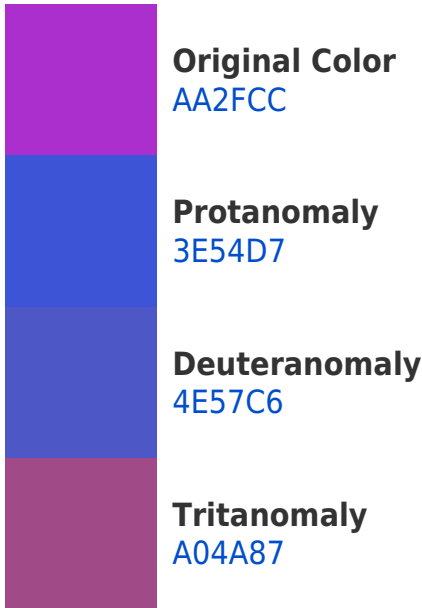
## Dichromacy



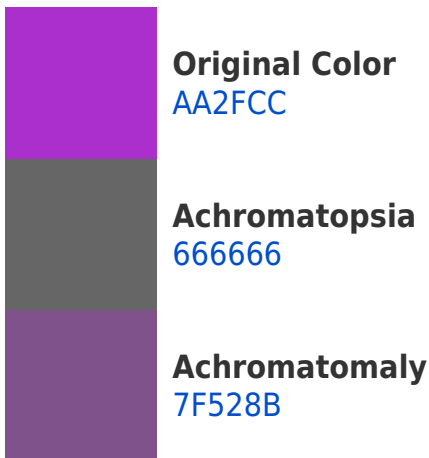


**Tritanopia**  
9B595F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA2FCC 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 #AA2FCC looks like.

```
.text, #text, p{  
    color:#AA2FCC  
}
```

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 #AA2FCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA2FCC
}
```

## Border

The CSS property to change the border of an element to Hex AA2FCC is called "border". The border property can be set on classes, ids or directly on the HTML element.

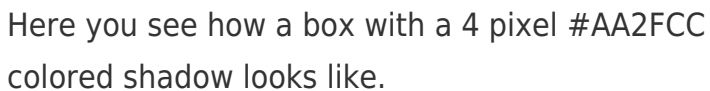
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA2FCC }
```

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

```
.border{ border-color:#AA2FCC }
```

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



Here you see how a box with a 4 pixel #AA2FCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA2FCC; -webkit-box-shadow:4px 4px  
4px 4px #AA2FCC; box-shadow:4px 4px 4px  
4px #AA2FCC }
```

# Background

The CSS property to change the background color of an element to Hex AA2FCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA2FCC }
```

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

```
.background{ background-color:#AA2FCC }
```

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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