

# Converting Colors

Hex(A70EF3)

Have a look what the booklet for  
Hex(A70EF3) contains.

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**Color**

**Hex(A70EF3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A70EF3
RGB	167, 14, 243
RGB Percent	65%, 5%, 95%
CMY	0.3451, 0.9451, 0.0471
CMYK	0.31, 0.94, 0.00, 0.05
HSL	280°, 91%, 50%
HSV	280°, 94%, 95%
XYZ	32.2710, 15.0006, 85.9886
YIQ	85.8530, 17.6790, 103.6550

# Conversions

## Conversions Part 2

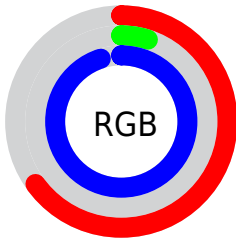
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 14, 243
Decimal	10948339
CIE <sub>Lab</sub>	45.64, 83.15, -78.60
CIE <sub>LCh</sub>	46, 114.416, 316.611
Yxy	15.0006, 0.2422, 0.1126
Android (android.graphics.Color)	4289138419 (0xFFA70EF3)
YUV	85.8530, 77.4735, 71.1659
Hunter-Lab	38.7306, 80.9507, -104.5223

# Details

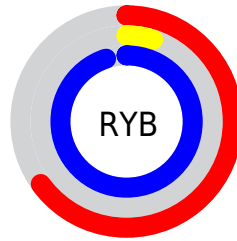
The Hex color **A70EF3** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle saturated purple. A complement of this color would be **5AF30E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **E45CFF**, and **6A00B9** is the 20% darker color. If you saturate the color by 10%, you get **A200F3**, and if you desaturate by 10%, it is **AF26F3**.

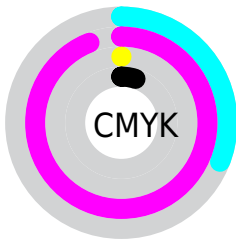
# Distribution



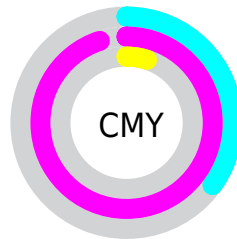
- Red (65%)
- Green (5%)
- Blue (95%)



- Red (65%)
- Yellow (5%)
- Blue (95%)



- Cyan (31%)
- Magenta (94%)
- Yellow (0%)
- Black (5%)



- Cyan (35%)
- Magenta (95%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A70EF3 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 A70EF3 by changing the saturation by 10% instead.



 A70EF3

 A70EF3

FFFFFF

 8900D6

 E45CFF

 6A00B9

 FF7AFF

 4A009E


 FF97FF

 270082

 FFB5FF

 000068

 FFD2FF

 00004F

 FFF0FF

 000537

 000221

 000005

 A70EF3

 A70EF3

 A200F3

 AF26F3

 B73FF3

 BF57F3

 C76FF3

 CF88F3

 D7A0F3

 DFB8F3

 E8D0F3

 F0E9F3

# Harmonies

## Analogous

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



0069FF



A70EF3



F7009B

# Triad

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



A70EF3



A75800



008EA1

# Complementary

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



A70EF3



5AF30E

# 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.



008B3B



A70EF3



507800

# Square

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



A70EF3



E40000



008600



008EF9

# Rectangle

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



A70EF3



FF005D



008600



008D80



# Sweetspot

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



A70EF3



E7B8FF



0E5AF3



715480



000000



808080



# Same Dimension

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



A70EF3



AA00FF



F30ECD



766E7A



7C00BA



27003B



# Inverse Universe

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



F30E5A



FF0055



0EF334



7A6E72



BA003E

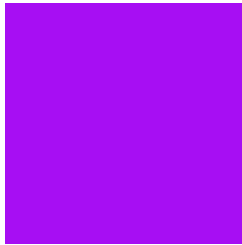


3B0013



# Previews

## White Background



This preview shows how the Hex color A70EF3 looks on a white background.

## Color Contrast Check

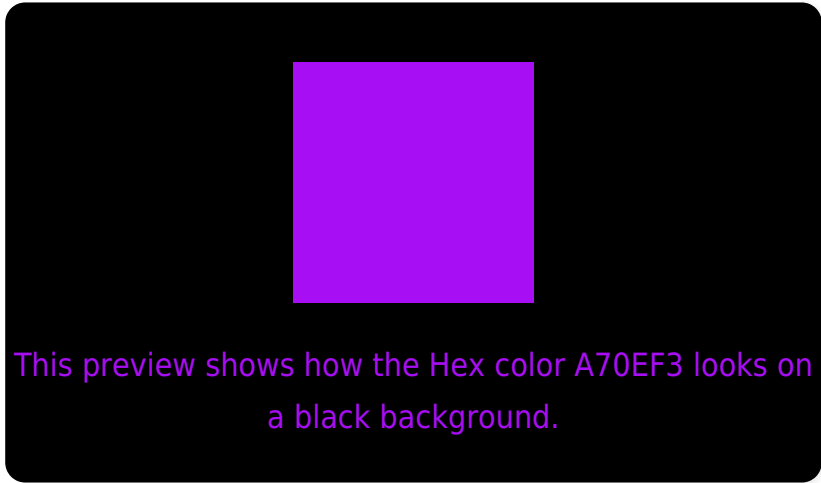
Large Text (above 18pt) WCAG AA ✓ Pass

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 A70EF3 Background



This preview shows how black text looks on a background with the Hex color A70EF3.

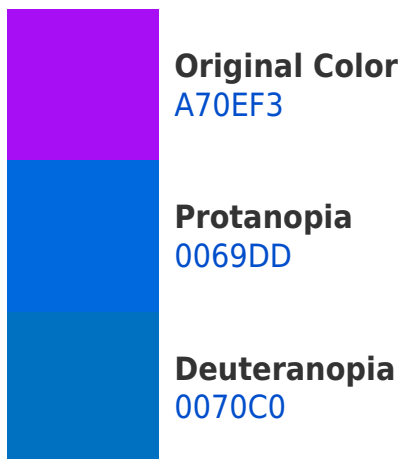


This preview shows how white text looks on a background with the Hex color A70EF3.

# 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**  
8E6067

# Trichromacy



**Original Color**

A70EF3



**Protanomaly**

3D48E5



**Deuteranomaly**

3D4CD3



**Tritanomaly**

97429A

# Monochromacy



**Original Color**

A70EF3



**Achromatopsia**

565656



**Achromatomaly**

733C8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A70EF3 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 #A70EF3 looks like.

```
.text, #text, p{  
    color:#A70EF3  
}
```

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 #A70EF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A70EF3
}
```

## Border

The CSS property to change the border of an element to Hex A70EF3 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".

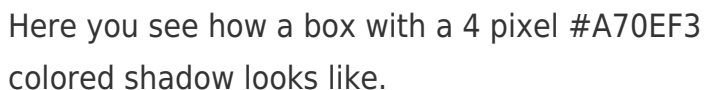
```
.border, #border, table{ border:4px solid
#A70EF3 }
```

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

```
.border{ border-color:#A70EF3 }
```

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

Here you see how a box with a 4 pixel #A70EF3 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A70EF3; -webkit-box-shadow:4px 4px  
4px 4px #A70EF3; box-shadow:4px 4px 4px  
4px #A70EF3 }
```

# Background

The CSS property to change the background color of an element to Hex A70EF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A70EF3 }
```

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

```
.background{ background-color:#A70EF3 }
```

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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