

Converting Colors

Hex(A70FA7)

Have a look what the booklet for
Hex(A70FA7) contains.

Hex(A70FA7)	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(A70FA7)

Conversions

Conversions Part 1

Format	Color
Hex	A70FA7
RGB	167, 15, 167
RGB Percent	65%, 6%, 65%
CMY	0.3451, 0.9412, 0.3451
CMYK	0.00, 0.91, 0.00, 0.35
HSL	300°, 84%, 36%
HSV	300°, 91%, 65%
XYZ	23.0822, 11.3472, 37.5329
YIQ	77.7760, 41.8000, 79.4960

Conversions

Conversions Part 2

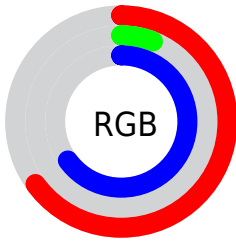
Format	Color
R_{YB}	167, 15, 167
Decimal	10948519
CIE _{Lab}	40.16, 69.88, -43.41
CIE _{LCh}	40, 82.266, 328.155
Yxy	11.3472, 0.3208, 0.1577
Android (android.graphics.Color)	4289138599 (0xFFA70FA7)
YUV	77.7760, 43.9874, 78.2494
Hunter-Lab	33.6855, 63.3632, -42.4818

Details

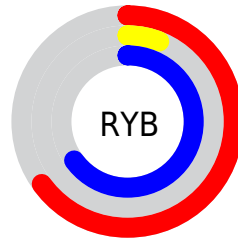
The Hex color **A70FA7** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **0FA70F**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **E257DF**, and **6E0072** is the 20% darker color. If you saturate the color by 10%, you get **A700A7**, and if you desaturate by 10%, it is **A720A7**.

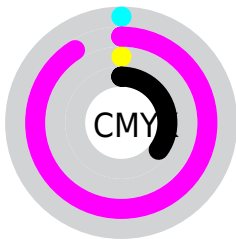
Distribution



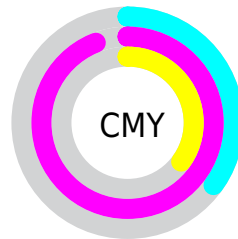
- Red (65%)
- Green (6%)
- Blue (65%)



- Red (65%)
- Yellow (6%)
- Blue (65%)



- Cyan (0%)
- Magenta (91%)
- Yellow (0%)
- Black (35%)



- Cyan (35%)
- Magenta (94%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color A70FA7 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 A70FA7 by changing the saturation by 10% instead.

 A70FA7

 A70FA7

FFFFFF

 8A008C

 E257DF

 6E0072

 FF74FC

 530059

 FF91FF

 3A0041

 FFAEFF

 1B002A

 FFCBFF

 000114

 FFE8FF

 000000

 A70FA7

 A70FA7

 A700A7

 A720A7

 A730A7

 A741A7

 A752A7

 A762A7

 A773A7

 A784A7

 A795A7

 A7A5A7

Harmonies

Analogous

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



3A4ED8



A70FA7



CB0066

Triad

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



A70FA7



785B00



00799D

Complementary

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



A70FA7



0FA70F

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.



007859



A70FA7



326C00

Square

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



A70FA7



A93900



007403



0076D2

Rectangle

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



A70FA7



CD003A



007403



007987

Sweetspot

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



A70FA7



D99ED9



0F0FA7



6E4B6E



EDEDED



6E6E6E

Same Dimension

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



A70FA7



D900D9



A70F5B



544C54



940094



140014

Inverse Universe

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



A70FA7



D900D9



0FA75B



544C54



940094



140014

Previews

White Background



This preview shows how the Hex color A70FA7 looks on a white background.

Color Contrast Check

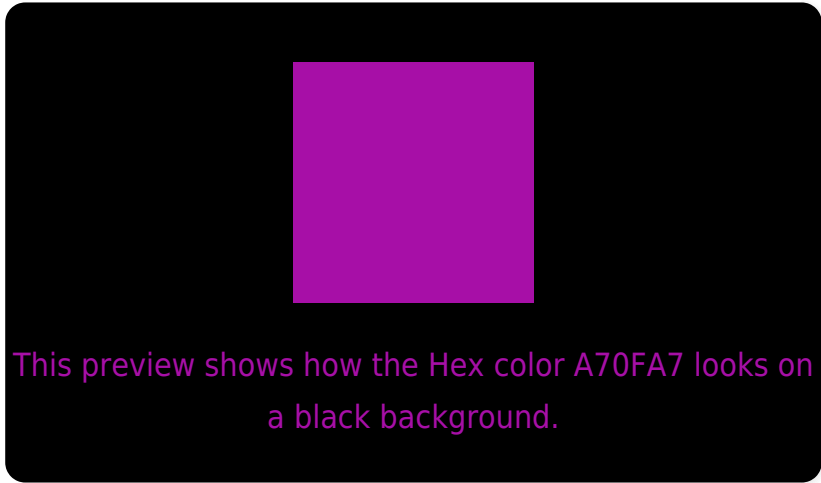
Large Text (above 18pt) WCAG AA ✓ Pass

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

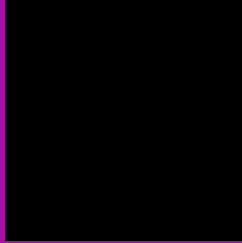
Any Text WCAG AA × Fail

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 A70FA7 Background



This preview shows how black text looks on a background with the Hex color A70FA7.

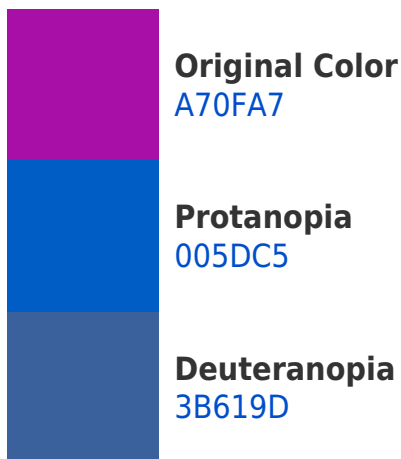


This preview shows how white text looks on a background with the Hex color A70FA7.

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](#).

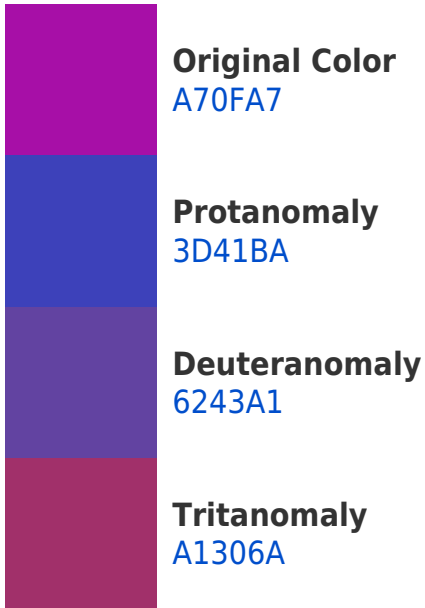
Dichromacy





Tritanopia
9D4347

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A70FA7 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 #A70FA7 looks like.

```
.text, #text, p{  
    color:#A70FA7  
}
```

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 #A70FA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A70FA7
}
```

Border

The CSS property to change the border of an element to Hex A70FA7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

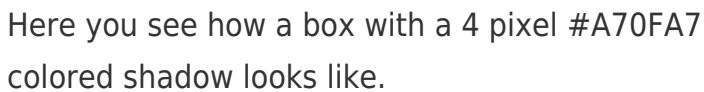
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A70FA7 }
```

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

```
.border{ border-color:#A70FA7 }
```

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



Here you see how a box with a 4 pixel #A70FA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A70FA7; -webkit-box-shadow:4px 4px  
4px 4px #A70FA7; box-shadow:4px 4px 4px  
4px #A70FA7 }
```

Background

The CSS property to change the background color of an element to Hex A70FA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A70FA7 }
```

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

```
.background{ background-color:#A70FA7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor