

Converting Colors

Hex(A70AC0)

Have a look what the booklet for
Hex(A70AC0) contains.

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Color

Hex(A70AC0)

Conversions

Conversions Part 1

Format	Color
Hex	A70AC0
RGB	167, 10, 192
RGB Percent	65%, 4%, 75%
CMY	0.3451, 0.9608, 0.2471
CMYK	0.13, 0.95, 0.00, 0.25
HSL	292°, 90%, 40%
HSV	292°, 95%, 75%
XYZ	25.5593, 12.2383, 50.8843
YIQ	77.6910, 35.1500, 89.8860

Conversions

Conversions Part 2

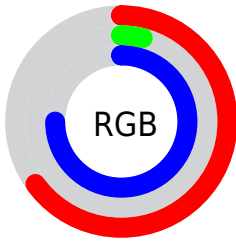
Format	Color
R_{YB}	167, 10, 192
Decimal	10947264
CIE _{Lab}	41.59, 74.49, -55.91
CIE _{LCh}	42, 93.134, 323.110
Yxy	12.2383, 0.2882, 0.1380
Android (android.graphics.Color)	4289137344 (0xFFA70AC0)
YUV	77.6910, 56.3543, 78.3240
Hunter-Lab	34.9833, 69.1937, -61.7507

Details

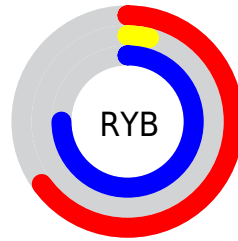
The Hex color **A70AC0** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **23C00A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **E257F9**, and **6D0089** is the 20% darker color. If you saturate the color by 10%, you get **A600C0**, and if you desaturate by 10%, it is **AA1DC0**.

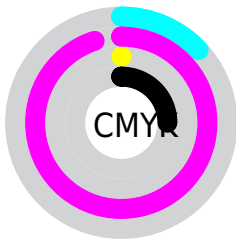
Distribution



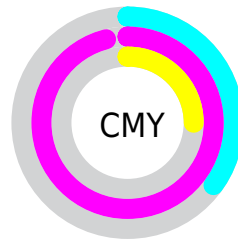
- Red (65%)
- Green (4%)
- Blue (75%)



- Red (65%)
- Yellow (4%)
- Blue (75%)



- Cyan (13%)
- Magenta (95%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (96%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color A70AC0 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 A70AC0 by changing the saturation by 10% instead.

 A70AC0

 A70AC0

FFFFFF

 8A00A4

 E257F9

 6D0089

 FF75FF

 51006F

 FF92FF

 360056

 FFAFFF

 16003E

 FFC0FF

 000327

 FFEAFF

 000110

 000000

 A70AC0

 A70AC0

 A600C0

 AA1DC0

 AC30C0

 AF44C0

 B257C0

 B46AC0

 B77DC0

 B990C0

 BCA4C0

 BFB7C0

Harmonies

Analogous

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



0057F3



A70AC0



D90077

Triad

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



A70AC0



875900



007F9D

Complementary

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



A70AC0



23C00A

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.



007D4D



A70AC0



3C6F00

Square

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



A70AC0



BC2900



007900



007DDE

Rectangle

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



A70AC0



DF0045



007900



007F83

Sweetspot

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



A70AC0



F0B4FA



0A25C0



77527D



FCFCFC



7D7D7D

Same Dimension

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



A70AC0



D800FA



C00A80



605761



8B00A1



1D0021

Inverse Universe

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



C00A23



FA0022



0AC04A



615759



A10016



210005

Previews

White Background



This preview shows how the Hex color A70AC0 looks on a white background.

Color Contrast Check

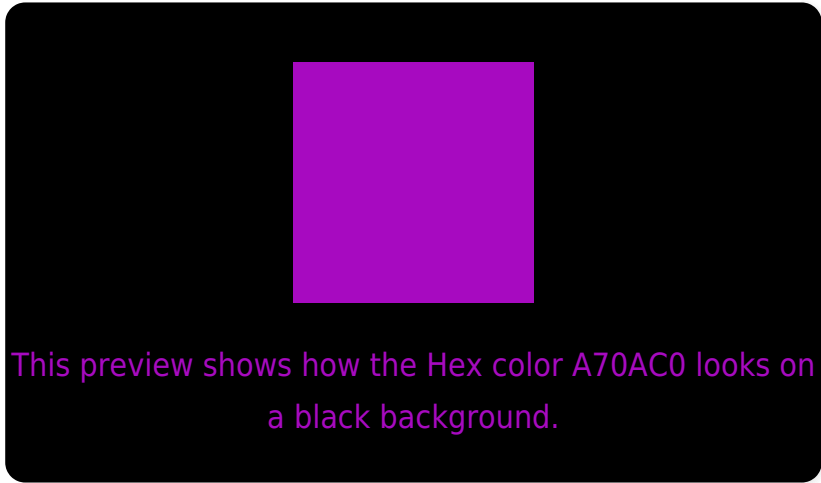
Large Text (above 18pt) WCAG AA ✓ Pass

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

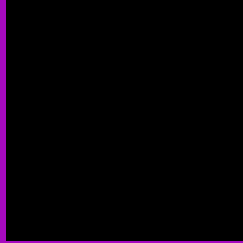
Any Text WCAG AA × Fail

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 A70AC0 Background



This preview shows how black text looks on a background with the Hex color A70AC0.

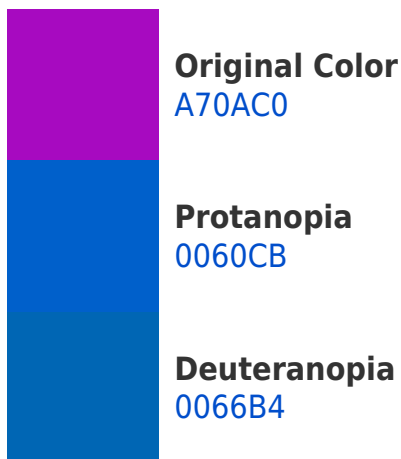


This preview shows how white text looks on a background with the Hex color A70AC0.

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](#).

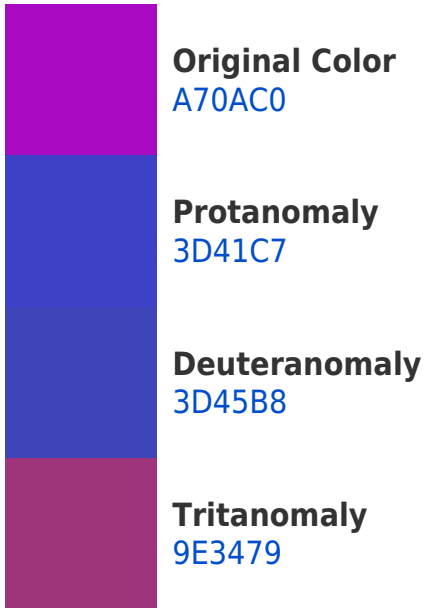
Dichromacy



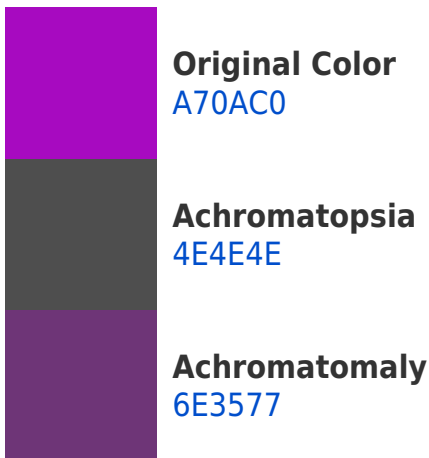


Tritanopia
994C51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A70AC0 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 #A70AC0 looks like.

```
.text, #text, p{  
    color:#A70AC0  
}
```

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 #A70AC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A70AC0  
}
```

Border

The CSS property to change the border of an element to Hex A70AC0 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  
#A70AC0 }
```

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

```
.border{ border-color:#A70AC0 }
```

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

Here you see how a box with a 4 pixel #A70AC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A70AC0; -webkit-box-shadow:4px 4px  
4px 4px #A70AC0; box-shadow:4px 4px 4px  
4px #A70AC0 }
```

Background

The CSS property to change the background color of an element to Hex A70AC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A70AC0 }
```

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

```
.background{ background-color:#A70AC0 }
```

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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