

# Converting Colors

Hex(A70B6F)

Have a look what the booklet for  
Hex(A70B6F) contains.

<b>Hex(A70B6F)</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(A70B6F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A70B6F
RGB	167, 11, 111
RGB Percent	65%, 4%, 44%
CMY	0.3451, 0.9569, 0.5647
CMYK	0.00, 0.93, 0.34, 0.35
HSL	322°, 88%, 35%
HSV	322°, 93%, 65%
XYZ	18.9253, 9.6025, 15.8949
YIQ	69.0440, 60.8760, 64.1720

# Conversions

## Conversions Part 2

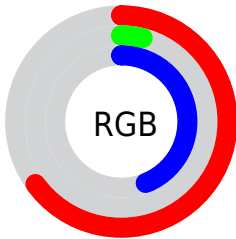
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 11, 111
Decimal	10947439
CIELab	37.12, 63.01, -13.72
CIELCh	37, 64.484, 347.713
Yxy	9.6025, 0.4260, 0.2162
Android (android.graphics.Color)	4289137519 (0xFFA70B6F)
YUV	69.0440, 20.6843, 85.9074
Hunter-Lab	30.9880, 54.7864, -8.7206

# Details

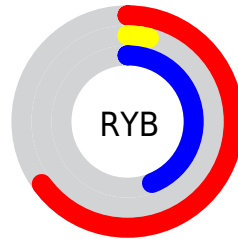
The Hex color **A70B6F** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **0BA743**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **E253A3**, and **6E003F** is the 20% darker color. If you saturate the color by 10%, you get **A7006B**, and if you desaturate by 10%, it is **A71C75**.

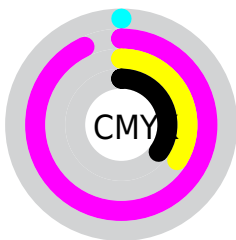
# Distribution



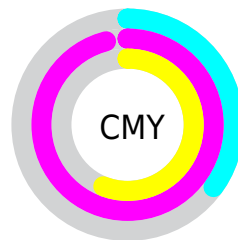
- Red (65%)
- Green (4%)
- Blue (44%)



- Red (65%)
- Yellow (4%)
- Blue (44%)



- Cyan (0%)
- Magenta (93%)
- Yellow (34%)
- Black (35%)



- Cyan (35%)
- Magenta (96%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A70B6F 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 A70B6F by changing the saturation by 10% instead.



 A70B6F

 A70B6F

FFFFFF

 8A0057

 E253A3

 6E003F

 FF70BE

 520029

 FF8CDA

 380014

 FFA9F6

 120000

 FFC5FF

 000000

 FFE3FF

 A70B6F

 A70B6F

 A7006B

 A71C75

 A72C7B

 A73D81

 A74E87

 A75E8D

 A76F93

 A78099

 A7919F

 A7A1A5

# Harmonies

## Analogous

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



7E379E



A70B6F



AF063B

# Triad

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



A70B6F



4F5E00



006BA4

# Complementary

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



A70B6F



0BA743

# 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.



006D76



A70B6F



006700

# Square

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



A70B6F



7D4D00



006C3F



0064BE

# Rectangle

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



A70B6F



A6261A



006C3F



006C96



# Sweetspot

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



A70B6F



D99CC3



420BA7



6E4860



EDEDED



6E6E6E



# Same Dimension

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



A70B6F



D9008B



A70B22



544C51



94005F



14000D



# Inverse Universe

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



A70B6F



D9008B



0BA790



544C51



94005F



14000D



# Previews

## White Background



This preview shows how the Hex color A70B6F looks on a white background.

## Color Contrast Check

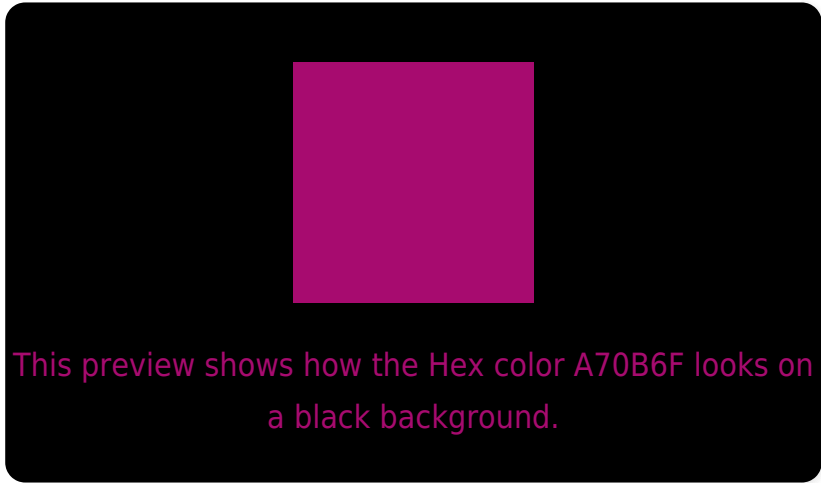
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 A70B6F Background



This preview shows how black text looks on a background with the Hex color A70B6F.



This preview shows how white text looks on a background with the Hex color A70B6F.

# 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





# Trichromacy



**Original Color**  
A70B6F

**Protanomaly**  
613B8D

**Deuteranomaly**  
773B6B

**Tritanomaly**  
A42146

# Monochromacy



**Original Color**  
A70B6F

**Achromatopsia**  
454545

**Achromatomaly**  
693054

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A70B6F 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 #A70B6F looks like.

```
.text, #text, p{  
    color:#A70B6F  
}
```

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 #A70B6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A70B6F
}
```

## Border

The CSS property to change the border of an element to Hex A70B6F is called "border". The border property can be set on classes, ids or directly on the HTML element.

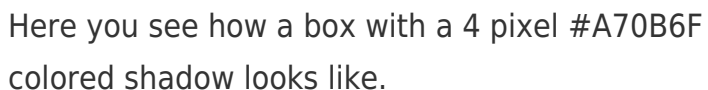
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A70B6F }
```

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

```
.border{ border-color:#A70B6F }
```

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



Here you see how a box with a 4 pixel `#A70B6F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A70B6F; -webkit-box-shadow:4px 4px  
4px 4px #A70B6F; box-shadow:4px 4px 4px  
4px #A70B6F }
```

# Background

The CSS property to change the background color of an element to Hex A70B6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A70B6F }
```

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

```
.background{ background-color:#A70B6F }
```

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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