

# Converting Colors

Hex(A70089)

Have a look what the booklet for  
Hex(A70089) contains.

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**Color**

**Hex(A70089)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A70089
RGB	167, 0, 137
RGB Percent	65%, 0%, 54%
CMY	0.3451, 1.0000, 0.4627
CMYK	0.00, 1.00, 0.18, 0.35
HSL	311°, 100%, 33%
HSV	311°, 100%, 65%
XYZ	20.4517, 10.0216, 24.5234
YIQ	65.5510, 55.5550, 78.0110

# Conversions

## Conversions Part 2

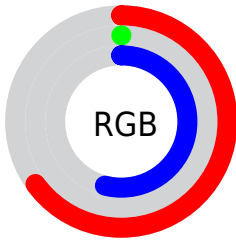
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 0, 137
Decimal	10944649
CIE <sub>Lab</sub>	37.88, 67.37, -28.79
CIE <sub>LCh</sub>	38, 73.263, 336.864
Yxy	10.0216, 0.3719, 0.1822
Android (android.graphics.Color)	4289134729 (0xFFA70089)
YUV	65.5510, 35.2244, 88.9708
Hunter-Lab	31.6570, 59.9187, -23.7697

# Details

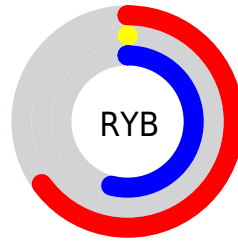
The Hex color **A70089** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **00A71E**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **E251BF**, and **6E0057** is the 20% darker color. If you saturate the color by 10%, you get **A70089**, and if you desaturate by 10%, it is **A7118C**.

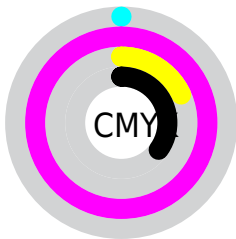
# Distribution



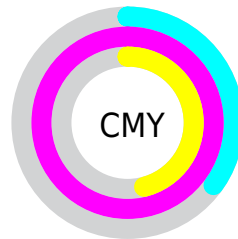
- Red (65%)
- Green (0%)
- Blue (54%)



- Red (65%)
- Yellow (0%)
- Blue (54%)



- Cyan (0%)
- Magenta (100%)
- Yellow (18%)
- Black (35%)



- Cyan (35%)
- Magenta (100%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A70089 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 A70089 by changing the saturation by 10% instead.



 A70089

 A70089

FFFFFF

 8A006F

 E251BF

 6E0057

 FF6EDB

 52003F

 FF8BF7

 390029

 FFA8FF

 180012

 FFC5FF

 000000

 FFE2FF

 A70089

 A7118C

 A7218F

 A73292

 A74395

 A75398

 A7649B

 A7759E

 A786A1

 A796A4

# Harmonies

## Analogous

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



6541BA



A70089



BC004F

# Triad

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



A70089



625B00



0071A0

# Complementary

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



A70089



00A71E

# 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.



007166



A70089



166800

# Square

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



A70089



914300



006E26



006CC8

# Rectangle

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



A70089



B80028



006E26



00718E



# Sweetspot

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



A70089



D998CD



1C00A7



6E4667



EDEDED



6E6E6E



# Same Dimension

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



A70089



D900B2



A70038



544C53



940079



140011



# Inverse Universe

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



A70089



D900B2



00A76F



544C53



940079



140011



# Previews

## White Background



This preview shows how the Hex color A70089 looks on a white background.

## Color Contrast Check

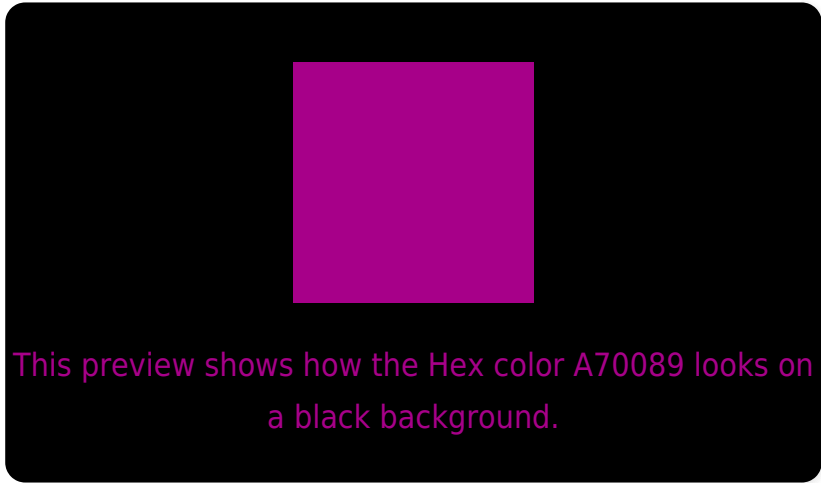
Large Text (above 18pt) WCAG AA ✓ Pass

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

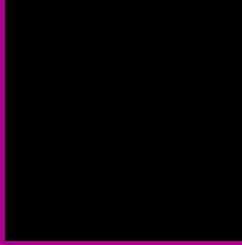
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A70089 Background



This preview shows how black text looks on a background with the Hex color A70089.



This preview shows how white text looks on a background with the Hex color A70089.

# 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**

A70089



**Protanomaly**

3D39A9



**Deuteranomaly**

6F3A83



**Tritanomaly**

A32256

# Monochromacy



**Original Color**

A70089



**Achromatopsia**

424242



**Achromatomaly**

672A5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A70089 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 #A70089 looks like.

```
.text, #text, p{  
    color:#A70089  
}
```

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 #A70089 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A70089
}
```

## Border

The CSS property to change the border of an element to Hex A70089 is called "border". The border property can be set on classes, ids or directly on the HTML element.

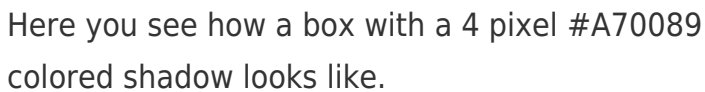
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A70089 }
```

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

```
.border{ border-color:#A70089 }
```

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



Here you see how a box with a 4 pixel #A70089 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A70089; -webkit-box-shadow:4px 4px  
4px 4px #A70089; box-shadow:4px 4px 4px  
4px #A70089 }
```

# Background

The CSS property to change the background color of an element to Hex A70089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A70089 }
```

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

```
.background{ background-color:#A70089 }
```

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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