

# Converting Colors

Hex(AC2B70)

Have a look what the booklet for  
Hex(AC2B70) contains.

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# Color

**Hex(AC2B70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC2B70
RGB	172, 43, 112
RGB Percent	67%, 17%, 44%
CMY	0.3255, 0.8314, 0.5608
CMYK	0.00, 0.75, 0.35, 0.33
HSL	328°, 60%, 42%
HSV	328°, 75%, 67%
XYZ	20.8018, 11.6683, 16.4851
YIQ	89.4370, 54.7350, 48.8070

# Conversions

## Conversions Part 2

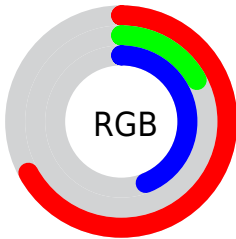
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 43, 112
Decimal	11283312
CIE <sub>Lab</sub>	40.68, 56.99, -8.86
CIE <sub>LCh</sub>	41, 57.675, 351.158
Yxy	11.6683, 0.4249, 0.2383
Android (android.graphics.Color)	4289473392 (0xFFAC2B70)
YUV	89.4370, 11.1236, 72.4078
Hunter-Lab	34.1588, 48.9235, -4.7022

# Details

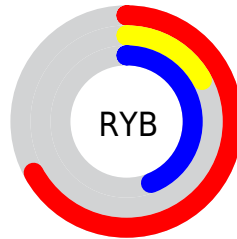
The Hex color **AC2B70** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **2BAC67**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **E765A4**, and **730040** is the 20% darker color. If you saturate the color by 10%, you get **AC1A68**, and if you desaturate by 10%, it is **AC3C78**.

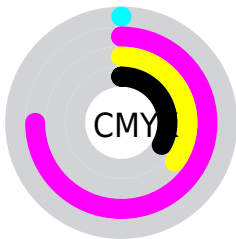
# Distribution



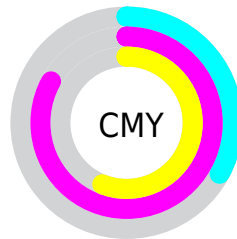
- Red (67%)
- Green (17%)
- Blue (44%)



- Red (67%)
- Yellow (17%)
- Blue (44%)



- Cyan (0%)
- Magenta (75%)
- Yellow (35%)
- Black (33%)



- Cyan (33%)
- Magenta (83%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC2B70 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 AC2B70 by changing the saturation by 10% instead.



AC2B70

AC2B70

FFFFFF

8F0058

E765A4

730040

FF80BF

57002A

FF9CDB

3E0016

FFB9F7

1E0001

FFD5FF

000000

FFF3FF

AC2B70

AC2B70

AC1A68

AC3C78

■ AC0960

■ AC4D80

■ AC005C

■ AC5F88

■ AC7090

■ AC8198

■ AC92A0

■ ACA3A8

■ ACB5B0

■ ACC6B8

# Harmonies

## Analogous

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



8A429C



AC2B70



B22D41

# Triad

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



AC2B70



556800



0072A9

# Complementary

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



AC2B70



2BAC67

# 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.



007581



AC2B70



01701E

# Square

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



AC2B70



805900



007450



006ABE

# Rectangle

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



AC2B70



A83C23



007450



00749D



# Sweetspot

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



AC2B70



E0ADC8



652BAC



705162



F0F0F0



707070



# Same Dimension

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



AC2B70



E01682



AC2B31



574E53



960050



17000C



# Inverse Universe

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



AC2B70



E01682



2BACA6



574E53



960050



17000C



# Previews

## White Background



This preview shows how the Hex color AC2B70 looks on a white background.

## Color Contrast Check

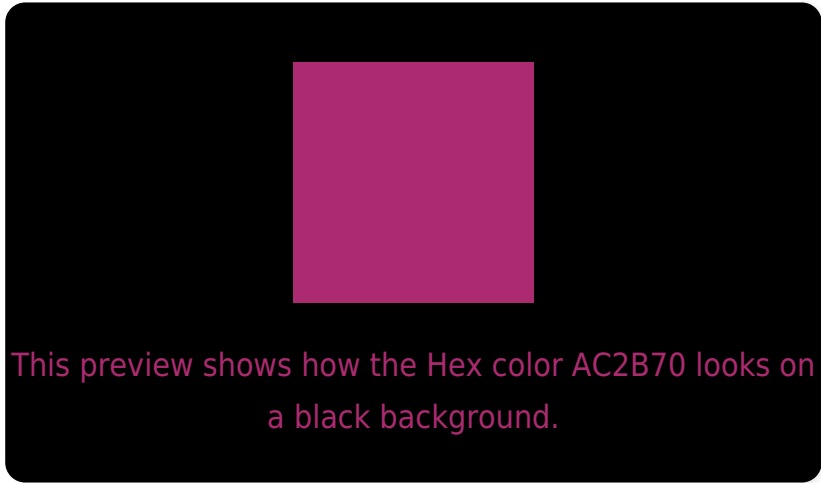
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC2B70 Background



This preview shows how black text looks on a background with the Hex color AC2B70.




This preview shows how white text looks on a background with the Hex color AC2B70.

# 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**  
A83A3D

# Trichromacy



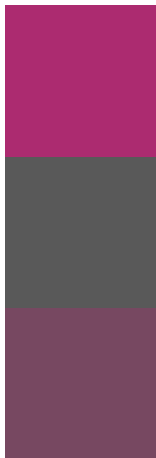
**Original Color**  
AC2B70

**Protanomaly**  
714C87

**Deuteranomaly**  
7F4B6C

**Tritanomaly**  
A93550

# Monochromacy



**Original Color**  
AC2B70

**Achromatopsia**  
595959

**Achromatomaly**  
774861

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC2B70 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 #AC2B70 looks like.

```
.text, #text, p{  
    color:#AC2B70  
}
```

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 #AC2B70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC2B70
}
```

## Border

The CSS property to change the border of an element to Hex AC2B70 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
#AC2B70 }
```

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

```
.border{ border-color:#AC2B70 }
```

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

Here you see how a box with a 4 pixel #AC2B70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC2B70; -webkit-box-shadow:4px 4px  
4px 4px #AC2B70; box-shadow:4px 4px 4px  
4px #AC2B70 }
```

# Background

The CSS property to change the background color of an element to Hex AC2B70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC2B70 }
```

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

```
.background{ background-color:#AC2B70 }
```

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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