

# Converting Colors

Hex(AC2069)

Have a look what the booklet for  
Hex(AC2069) contains.

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# Color

**Hex(AC2069)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC2069
RGB	172, 32, 105
RGB Percent	67%, 13%, 41%
CMY	0.3255, 0.8745, 0.5882
CMYK	0.00, 0.81, 0.39, 0.33
HSL	329°, 69%, 40%
HSV	329°, 81%, 67%
XYZ	20.0796, 10.8236, 14.3955
YIQ	82.1820, 60.0070, 52.3830

# Conversions

## Conversions Part 2

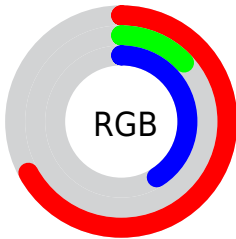
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 32, 105
Decimal	11280489
CIE <sub>Lab</sub>	39.28, 59.51, -6.57
CIE <sub>LCh</sub>	39, 59.868, 353.696
Yxy	10.8236, 0.4433, 0.2389
Android (android.graphics.Color)	4289470569 (0xFFAC2069)
YUV	82.1820, 11.2493, 78.7704
Hunter-Lab	32.8992, 51.3712, -2.9136

# Details

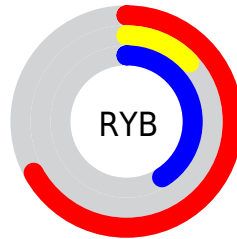
The Hex color **AC2069** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **20AC63**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **E75D9C**, and **72003A** is the 20% darker color. If you saturate the color by 10%, you get **AC0F61**, and if you desaturate by 10%, it is **AC3171**.

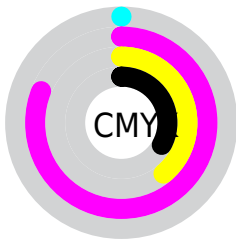
# Distribution



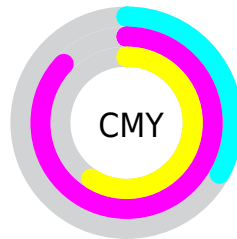
- Red (67%)
- Green (13%)
- Blue (41%)



- Red (67%)
- Yellow (13%)
- Blue (41%)



- Cyan (0%)
- Magenta (81%)
- Yellow (39%)
- Black (33%)



- Cyan (33%)
- Magenta (87%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC2069 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 AC2069 by changing the saturation by 10% instead.



 AC2069

 AC2069

FFFFFF

 8F0051

 E75D9C

 72003A

 FF79B7

 560025

 FF95D3

 3D000F

 FFB2EF

 1A0001

 FFCFFF

 000000

 FFECFF

 AC2069

 AC2069

 AC0F61

 AC3171

■ AC005A

■ AC4279

■ AC5482

■ AC658A

■ AC7692

■ AC879A

■ AC98A3

■ ACAAAB

■ ACBBB3

# Harmonies

## Analogous

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



8C3A97



AC2069



AF2639

# Triad

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



AC2069



4C6500



006FAB

# Complementary

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



AC2069



20AC63

# 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.



007283



AC2069



006D1C

# Square

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



AC2069



795700



007150



0066BE

# Rectangle

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



AC2069



A43819



007150



00709F



# Sweetspot

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



AC2069



E0ABC7



6120AC



705061



F0F0F0



707070



# Same Dimension

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



AC2069



E00477



AC2025



574E53



96004E



17000C



# Inverse Universe

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



AC2069



E00477



20ACA7



574E53



96004E



17000C



# Previews

## White Background



This preview shows how the Hex color AC2069 looks on a white background.

## Color Contrast Check

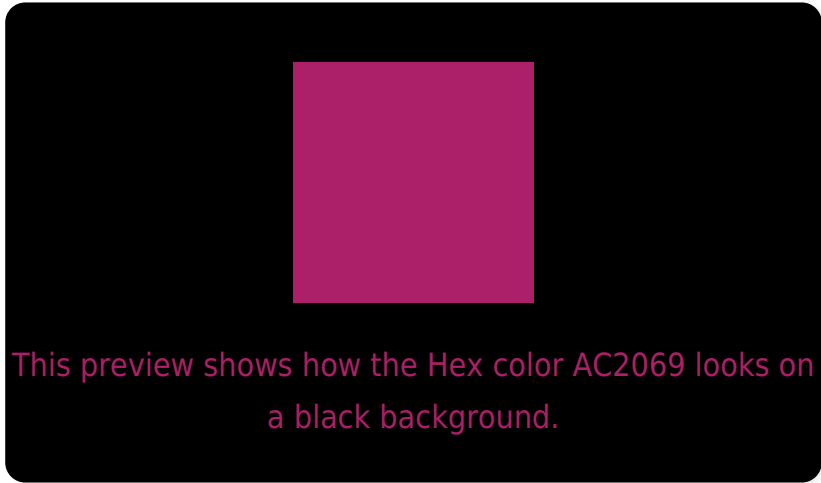
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC2069 Background



This preview shows how black text looks on a background with the Hex color AC2069.




This preview shows how white text looks on a background with the Hex color AC2069.

# 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



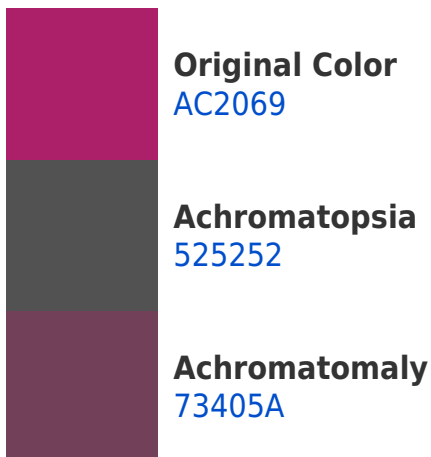


**Tritanopia**  
A93234

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC2069 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 #AC2069 looks like.

```
.text, #text, p{  
    color:#AC2069  
}
```

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 #AC2069 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC2069
}
```

## Border

The CSS property to change the border of an element to Hex AC2069 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
#AC2069 }
```

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

```
.border{ border-color:#AC2069 }
```

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

Here you see how a box with a 4 pixel #AC2069 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC2069; -webkit-box-shadow:4px 4px  
4px 4px #AC2069; box-shadow:4px 4px 4px  
4px #AC2069 }
```

# Background

The CSS property to change the background color of an element to Hex AC2069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC2069 }
```

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

```
.background{ background-color:#AC2069 }
```

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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