

Converting Colors

Hex(AC0970)

Have a look what the booklet for
Hex(AC0970) contains.

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Color

Hex(AC0970)

Conversions

Conversions Part 1

Format	Color
Hex	AC0970
RGB	172, 9, 112
RGB Percent	67%, 4%, 44%
CMY	0.3255, 0.9647, 0.5608
CMYK	0.00, 0.95, 0.35, 0.33
HSL	322°, 90%, 35%
HSV	322°, 95%, 67%
XYZ	20.0356, 10.1359, 16.2297
YIQ	69.4790, 64.0850, 66.5890

Conversions

Conversions Part 2

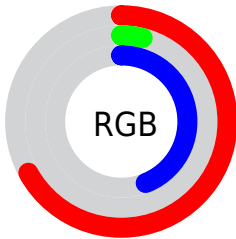
Format	Color
R_{YB}	172, 9, 112
Decimal	11274608
CIE _{Lab}	38.09, 64.45, -12.79
CIE _{LCh}	38, 65.703, 348.773
Yxy	10.1359, 0.4318, 0.2184
Android (android.graphics.Color)	4289464688 (0xFFAC0970)
YUV	69.4790, 20.9629, 89.9109
Hunter-Lab	31.8369, 56.6189, -7.9387

Details

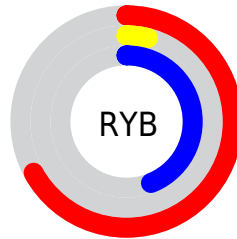
The Hex color **AC0970** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **09AC45**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **E854A4**, and **720040** is the 20% darker color. If you saturate the color by 10%, you get **AC006D**, and if you desaturate by 10%, it is **AC1A76**.

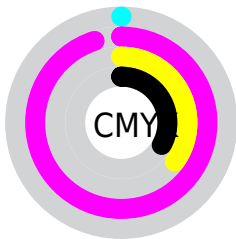
Distribution



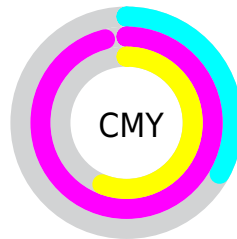
- Red (67%)
- Green (4%)
- Blue (44%)



- Red (67%)
- Yellow (4%)
- Blue (44%)



- Cyan (0%)
- Magenta (95%)
- Yellow (35%)
- Black (33%)



- Cyan (33%)
- Magenta (96%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC0970 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 AC0970 by changing the saturation by 10% instead.

 AC0970

 AC0970

FFFFFF

 8F0058

 E854A4

 720040

 FF70BF

 56002A

 FF8DDB

 3C0016

 FFAAF7

 1A0001

 FFC7FF

 000000

 FFE4FF

 AC0970

 AC0970

 AC006D

 AC1A76

 AC2B7D

 AC3D83

 AC4E89

 AC5F90

 AC7096

 AC819C

 AC93A3

 ACA4A9

Harmonies

Analogous

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



8337A1



AC0970



B3083B

Triad

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



AC0970



4F6100



006EAA

Complementary

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



AC0970



09AC45

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.



00707B



AC0970



006A00

Square

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



AC0970



7E5000



006F43



0066C3

Rectangle

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



AC0970



AA2818



006F43



006F9C

Sweetspot

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



AC0970



E0A2C9



4509AC



704A62



F0F0F0



707070

Same Dimension

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



AC0970



E0008E



AC091F



574E54



96005F



17000F

Inverse Universe

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



AC0970



E0008E



09AC96



574E54



96005F



17000F

Previews

White Background



This preview shows how the Hex color AC0970 looks on a white background.

Color Contrast Check

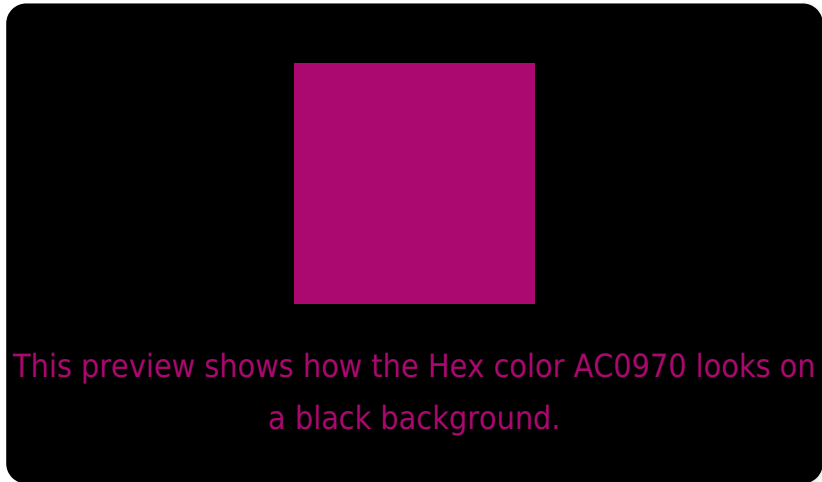
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC0970 Background



This preview shows how black text looks on a background with the Hex color AC0970.

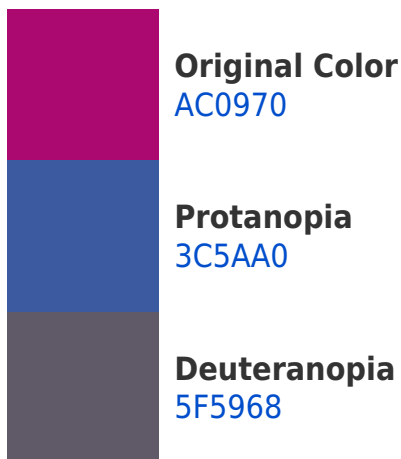


This preview shows how white text looks on a background with the Hex color AC0970.

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
A82D2E

Trichromacy



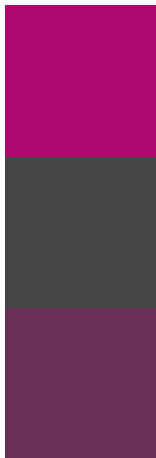
Original Color
AC0970

Protanomaly
653D8F

Deuteranomaly
7B3C6B

Tritanomaly
A92046

Monochromacy



Original Color
AC0970

Achromatopsia
454545

Achromatomaly
6A2F55

CSS Examples

Text

The CSS property to change the color of the text to Hex AC0970 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 #AC0970 looks like.

```
.text, #text, p{  
    color:#AC0970  
}
```

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 #AC0970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC0970
}
```

Border

The CSS property to change the border of an element to Hex AC0970 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
#AC0970 }
```

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

```
.border{ border-color:#AC0970 }
```

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

Here you see how a box with a 4 pixel #AC0970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC0970; -webkit-box-shadow:4px 4px  
4px 4px #AC0970; box-shadow:4px 4px 4px  
4px #AC0970 }
```

Background

The CSS property to change the background color of an element to Hex AC0970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC0970 }
```

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

```
.background{ background-color:#AC0970 }
```

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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