

# Converting Colors

Hex(A970AA)

Have a look what the booklet for  
Hex(A970AA) contains.

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# Color

**Hex(A970AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A970AA
RGB	169, 112, 170
RGB Percent	66%, 44%, 67%
CMY	0.3373, 0.5608, 0.3333
CMYK	0.01, 0.34, 0.00, 0.33
HSL	299°, 25%, 55%
HSV	299°, 34%, 67%
XYZ	29.4121, 22.9256, 40.9051
YIQ	135.6550, 15.3540, 30.1220

# Conversions

## Conversions Part 2

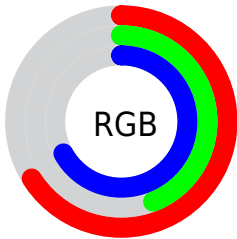
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 112, 170
Decimal	11104426
CIELab	55.00, 32.18, -21.91
CIELCh	55, 38.927, 325.754
Yxy	22.9256, 0.3154, 0.2459
Android (android.graphics.Color)	4289294506 (0xFFA970AA)
YUV	135.6550, 16.9321, 29.2436
Hunter-Lab	47.8807, 25.8573, -17.1357

# Details

The Hex color **A970AA** is a light color, and the websafe version is hex **996699**. A complement of this color would be **71AA70**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **E1A5E1**, and **743F76** is the 20% darker color. If you saturate the color by 10%, you get **A95FAA**, and if you desaturate by 10%, it is **A981AA**.

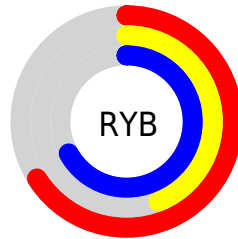
# Distribution



Red (66%)

Green (44%)

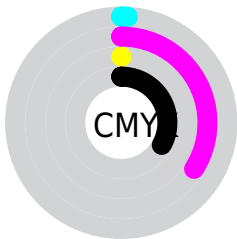
Blue (67%)



Red (66%)

Yellow (44%)

Blue (67%)

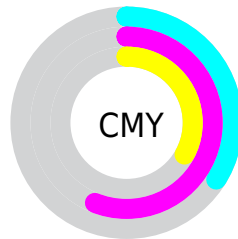


Cyan (1%)

Magenta (34%)

Yellow (0%)

Black (33%)



Cyan (34%)

Magenta (56%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A970AA 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 A970AA by changing the saturation by 10% instead.



 A970AA

 A970AA

FFFFFF

 8E578F

 E1A5E1

 743F76

 FEC0FE

 5A275D

 FFDCFF

 420F45

 FFF9FF

 2B002F

 0C0019

 000000

 A970AA

 A970AA

 A95FAA

 A981AA

 A84EAA

 AA92AA

 A83DAA

 AAA3AA

 A82CAA

 AAB4AA

 A81BAA

 AAC5AA

 A70AAA

 ABD6AA

 A700AA

 ABE7AA

 ABF8AA

 ACFFAA

# Harmonies

## Analogous

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



7F7DC0



A970AA



C0688A

# Triad

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



A970AA



9C803F



0095A0

# Complementary

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



A970AA



71AA70

# 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.



06957E



A970AA



7B8A45

# Square

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



A970AA



B6744D



52915C



0091BB

# Rectangle

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



A970AA



C46873



52915C



009595



# Sweetspot

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



A970AA



DDC8DE



7072AA



706370



F0F0F0



707070



# Same Dimension

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



A970AA



DC83DE



AA708F



544C54



910094



140014



# Inverse Universe

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



AA7071



DE8384



70AA8B



544C4C



940003

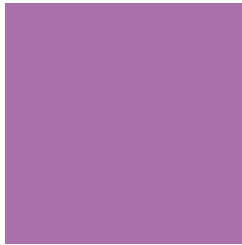


140000



# Previews

## White Background



This preview shows how the Hex color A970AA looks on a white background.

## Color Contrast Check

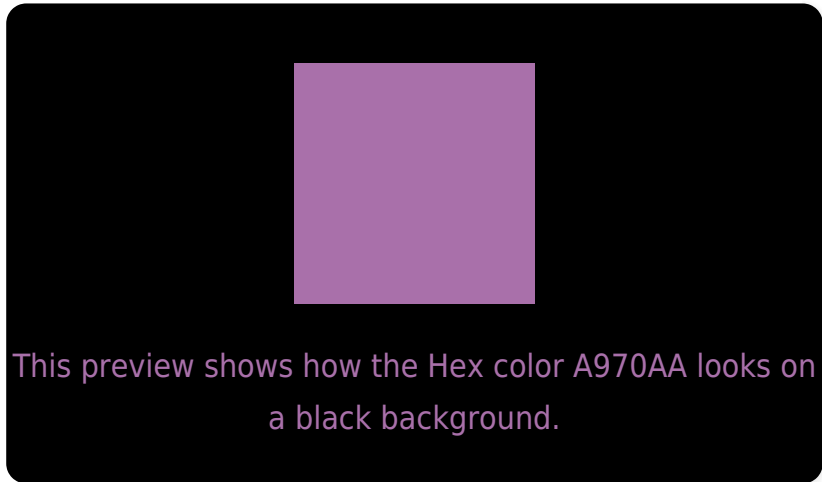
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

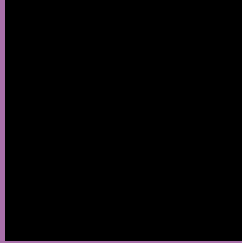
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A970AA Background



This preview shows how black text looks on a background with the Hex color A970AA.

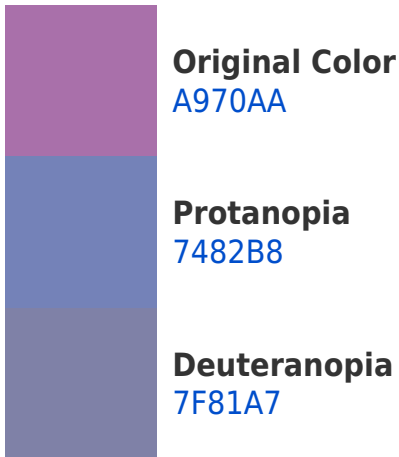


This preview shows how white text looks on a background with the Hex color A970AA.

# 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**  
A47881

# Trichromacy



**Original Color**  
A970AA

**Protanomaly**  
877BB3

**Deuteranomaly**  
8E7BA8

**Tritanomaly**  
A67590

# Monochromacy



**Original Color**  
A970AA

**Achromatopsia**  
888888

**Achromatomaly**  
947F94

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A970AA 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 #A970AA looks like.

```
.text, #text, p{  
    color:#A970AA  
}
```

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 #A970AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A970AA
}
```

## Border

The CSS property to change the border of an element to Hex A970AA 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
#A970AA }
```

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

```
.border{ border-color:#A970AA }
```

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

Here you see how a box with a 4 pixel #A970AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A970AA; -webkit-box-shadow:4px 4px  
4px 4px #A970AA; box-shadow:4px 4px 4px  
4px #A970AA }
```

# Background

The CSS property to change the background color of an element to Hex A970AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A970AA }
```

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

```
.background{ background-color:#A970AA }
```

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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