

Converting Colors

Hex(AF70CD)

Have a look what the booklet for
Hex(AF70CD) contains.

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Color

Hex(AF70CD)

Conversions

Conversions Part 1

Format	Color
Hex	AF70CD
RGB	175, 112, 205
RGB Percent	69%, 44%, 80%
CMY	0.3137, 0.5608, 0.1961
CMYK	0.15, 0.45, 0.00, 0.20
HSL	281°, 48%, 62%
HSV	281°, 45%, 80%
XYZ	34.4928, 25.1101, 60.7864
YIQ	141.4390, 7.6950, 42.2790

Conversions

Conversions Part 2

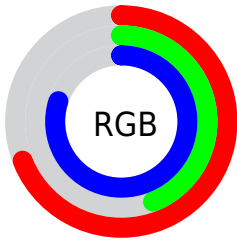
Format	Color
RYB	175, 112, 205
Decimal	11497677
CIELab	57.18, 41.20, -38.50
CIElCh	57, 56.393, 316.937
Yxy	25.1101, 0.2865, 0.2086
Android (android.graphics.Color)	4289687757 (0xFFAF70CD)
YUV	141.4390, 31.3356, 29.4330
Hunter-Lab	50.1100, 35.1767, -36.8453

Details

The Hex color **AF70CD** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **8ECD70**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **E8A5FF**, and **783E96** is the 20% darker color. If you saturate the color by 10%, you get **A85CCD**, and if you desaturate by 10%, it is **B684CD**.

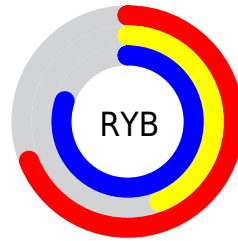
Distribution



Red (69%)

Green (44%)

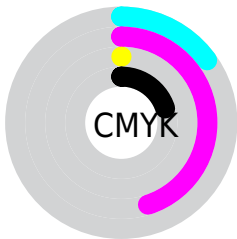
Blue (80%)



Red (69%)

Yellow (44%)

Blue (80%)

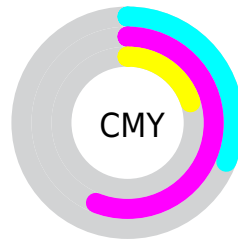


Cyan (15%)

Magenta (45%)

Yellow (0%)

Black (20%)



Cyan (31%)

Magenta (56%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF70CD 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 AF70CD by changing the saturation by 10% instead.

 AF70CD

 AF70CD

FFFFFF

 9356B1

 E8A5FF

 783E96

 FFC1FF

 5E257C

 FFDDFF

 440963

 FFFAFF

 2B004A

 150033

 00021D

 000000

 AF70CD

 AF70CD

 A85CCD

 B684CD

 A247CD

 BC99CD

 9B32CD

 C3AECD

 951ECD

 C9C2CD

 8E09CD

 D0D7CD

 8B00CD

 D7EBCD

 DDFCD

 E4FFCD

 EBFFCD

Harmonies

Analogous

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



6085E8



AF70CD



D85EA1

Triad

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



AF70CD



B57F22



00A1A4

Complementary

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



AF70CD



8ECD70

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.



009F71



AF70CD



888F20

Square

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



AF70CD



D56B43



4E9A42



009ED0

Rectangle

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



AF70CD



E25A80



4E9A42



00A194

Sweetspot

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



AF70CD



F3DBFF



708FCD



796A80



000000



808080

Same Dimension

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



AF70CD



D375FF



CD70BD



635C66



7000A6



1A0026

Inverse Universe

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



CD708E



FF75A2



70CD7F



665C5F



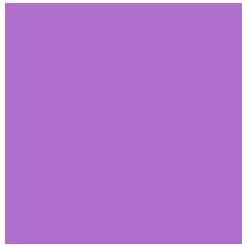
A60035



26000C

Previews

White Background



This preview shows how the Hex color AF70CD looks on a white background.

Color Contrast Check

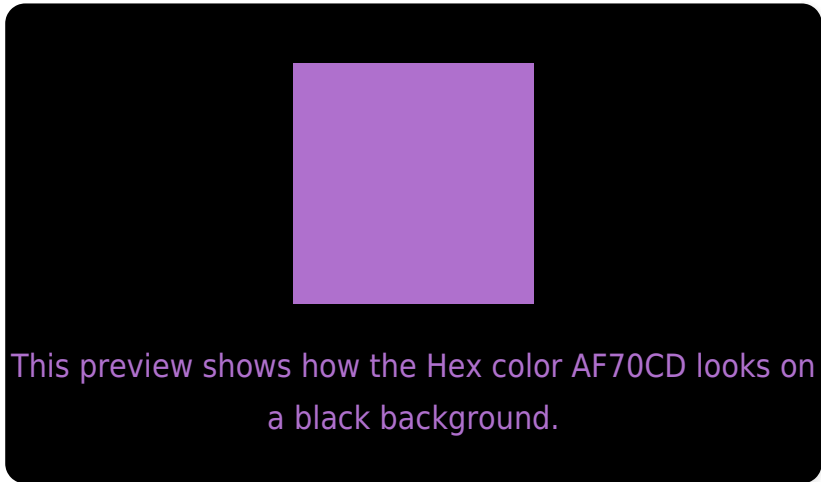
Large Text (above 18pt) WCAG AA ✓ Pass

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

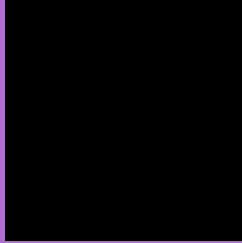
Any Text WCAG AA ✓ Pass

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 AF70CD Background



This preview shows how black text looks on a background with the Hex color AF70CD.

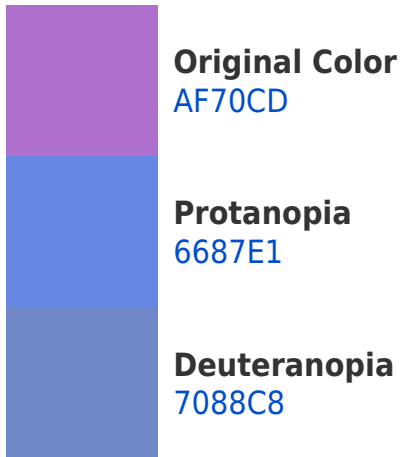


This preview shows how white text looks on a background with the Hex color AF70CD.

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](#).

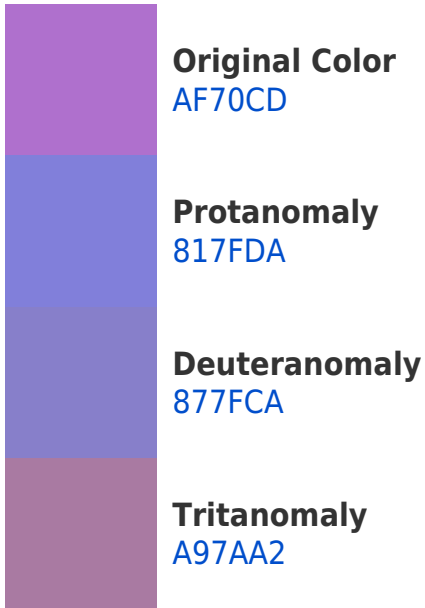
Dichromacy



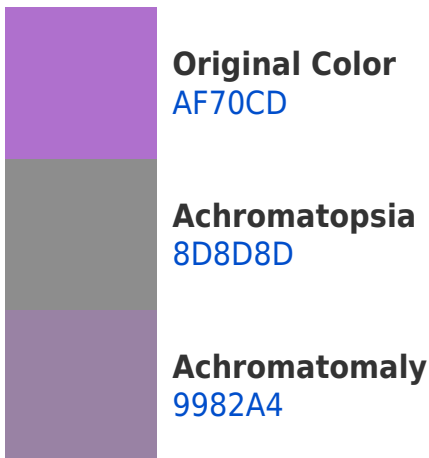


Tritanopia
A57F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF70CD 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 #AF70CD looks like.

```
.text, #text, p{  
    color:#AF70CD  
}
```

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 #AF70CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF70CD
}
```

Border

The CSS property to change the border of an element to Hex AF70CD 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
#AF70CD }
```

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

```
.border{ border-color:#AF70CD }
```

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

Here you see how a box with a 4 pixel #AF70CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF70CD; -webkit-box-shadow:4px 4px  
4px 4px #AF70CD; box-shadow:4px 4px 4px  
4px #AF70CD }
```

Background

The CSS property to change the background color of an element to Hex AF70CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF70CD }
```

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

```
.background{ background-color:#AF70CD }
```

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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