

Converting Colors

Hex(AF0AC2)

Have a look what the booklet for
Hex(AF0AC2) contains.

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Color

Hex(AF0AC2)

Conversions

Conversions Part 1

Format	Color
Hex	AF0AC2
RGB	175, 10, 194
RGB Percent	69%, 4%, 76%
CMY	0.3137, 0.9608, 0.2392
CMYK	0.10, 0.95, 0.00, 0.24
HSL	294°, 90%, 40%
HSV	294°, 95%, 76%
XYZ	27.5253, 13.2261, 52.1411
YIQ	80.3110, 39.2760, 92.2040

Conversions

Conversions Part 2

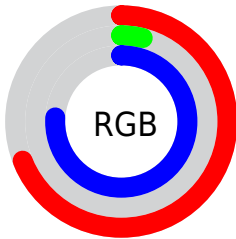
Format	Color
R_{YB}	175, 10, 194
Decimal	11471554
CIE _{Lab}	43.10, 76.05, -54.57
CIE _{LCh}	43, 93.606, 324.338
Yxy	13.2261, 0.2963, 0.1424
Android (android.graphics.Color)	4289661634 (0xFFAF0AC2)
YUV	80.3110, 56.0487, 83.0423
Hunter-Lab	36.3677, 71.4565, -59.5479

Details

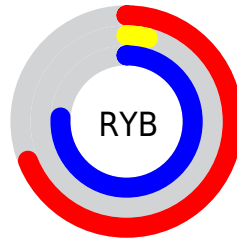
The Hex color **AF0AC2** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed purple. A complement of this color would be **1DC20A**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **EB59FB**, and **75008B** is the 20% darker color. If you saturate the color by 10%, you get **AE00C2**, and if you desaturate by 10%, it is **B11DC2**.

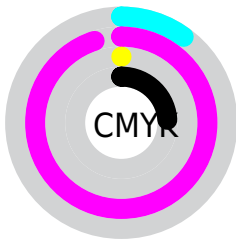
Distribution



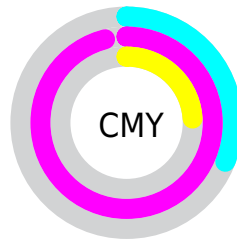
- Red (69%)
- Green (4%)
- Blue (76%)



- Red (69%)
- Yellow (4%)
- Blue (76%)



- Cyan (10%)
- Magenta (95%)
- Yellow (0%)
- Black (24%)



- Cyan (31%)
- Magenta (96%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF0AC2 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 AF0AC2 by changing the saturation by 10% instead.

 AF0AC2

 AF0AC2

FFFFFF

 9200A6

 EB59FB

 75008B

 FF77FF

 590071

 FF94FF

 3D0058

 FFB1FF

 200040

 FFCFFF

 000028

 FFECFF

 000112

 000000

 AF0AC2

 AF0AC2

 AE00C2

 B11DC2

 B331C2

 B544C2

 B758C2

 B96BC2

 BB7EC2

 BD92C2

 BFA5C2

 C1B9C2

Harmonies

Analogous

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



0059F7



AF0AC2



DF0078

Triad

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



AF0AC2



895E00



0083A5

Complementary

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



AF0AC2



1DC20A

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.



008254



AF0AC2



3C7400

Square

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



AF0AC2



C03000



007D00



0081E5

Rectangle

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



AF0AC2



E40046



007D00



00838B

Sweetspot

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



AF0AC2



F5B6FC



0A1FC2



7B5480



000000



808080

Same Dimension

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



AF0AC2



E200FC



C20A7B



605761



9000A1



1E0021

Inverse Universe

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



C20A1D



FC001A



0AC251



615758



A10011



210003

Previews

White Background



This preview shows how the Hex color AF0AC2 looks on a white background.

Color Contrast Check

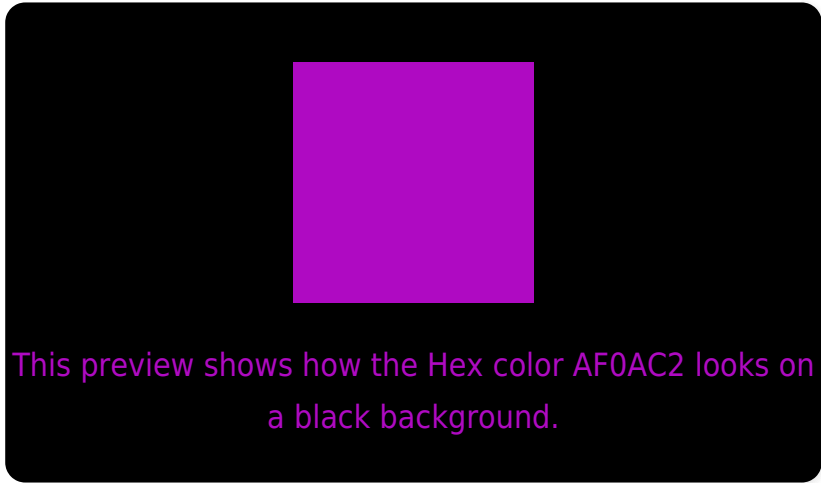
Large Text (above 18pt) WCAG AA ✓ Pass

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

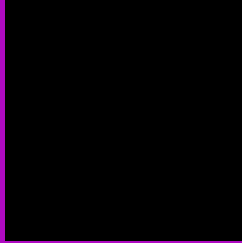
Any Text WCAG AA × Fail

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 AF0AC2 Background



This preview shows how black text looks on a background with the Hex color AF0AC2.

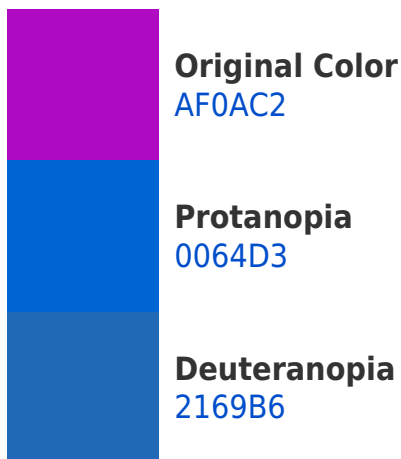


This preview shows how white text looks on a background with the Hex color AF0AC2.

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



Trichromacy



Original Color
AF0AC2



Protanomaly
4043CD



Deuteranomaly
5546BA



Tritanomaly
A6347B

Monochromacy



Original Color
AF0AC2



Achromatopsia
505050



Achromatomaly
733779

CSS Examples

Text

The CSS property to change the color of the text to Hex AF0AC2 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 #AF0AC2 looks like.

```
.text, #text, p{  
  color:#AF0AC2  
}
```

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 #AF0AC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF0AC2
}
```

Border

The CSS property to change the border of an element to Hex AF0AC2 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
#AF0AC2 }
```

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

```
.border{ border-color:#AF0AC2 }
```

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

Here you see how a box with a 4 pixel #AF0AC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF0AC2; -webkit-box-shadow:4px 4px  
4px 4px #AF0AC2; box-shadow:4px 4px 4px  
4px #AF0AC2 }
```

Background

The CSS property to change the background color of an element to Hex AF0AC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF0AC2 }
```

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

```
.background{ background-color:#AF0AC2 }
```

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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