

Converting Colors

Hex(AF3CB3)

Have a look what the booklet for
Hex(AF3CB3) contains.

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Color

Hex(AF3CB3)

Conversions

Conversions Part 1

Format	Color
Hex	AF3CB3
RGB	175, 60, 179
RGB Percent	69%, 24%, 70%
CMY	0.3137, 0.7647, 0.2980
CMYK	0.02, 0.66, 0.00, 0.30
HSL	298°, 50%, 47%
HSV	298°, 66%, 70%
XYZ	27.4317, 15.6004, 44.2132
YIQ	107.9510, 30.3410, 61.3890

Conversions

Conversions Part 2

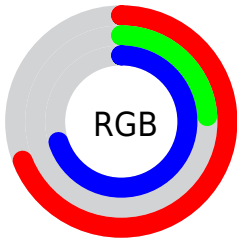
Format	Color
R_{YB}	175, 60, 179
Decimal	11484339
CIE _{Lab}	46.45, 61.26, -40.44
CIE _{LCh}	46, 73.406, 326.573
Yxy	15.6004, 0.3144, 0.1788
Android (android.graphics.Color)	4289674419 (0xFFAF3CB3)
YUV	107.9510, 35.0272, 58.8020
Hunter-Lab	39.4973, 54.8520, -38.7210

Details

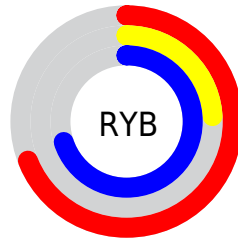
The Hex color **AF3CB3** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **40B33C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **E974EB**, and **77007E** is the 20% darker color. If you saturate the color by 10%, you get **AE2AB3**, and if you desaturate by 10%, it is **B04EB3**.

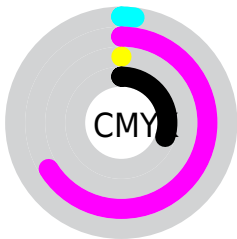
Distribution



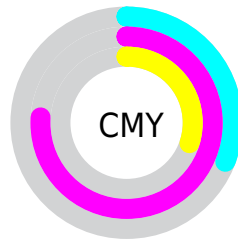
- Red (69%)
- Green (24%)
- Blue (70%)



- Red (69%)
- Yellow (24%)
- Blue (70%)



- Cyan (2%)
- Magenta (66%)
- Yellow (0%)
- Black (30%)



- Cyan (31%)
- Magenta (76%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF3CB3 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 AF3CB3 by changing the saturation by 10% instead.

 AF3CB3

 AF3CB3

FFFFFF

 931B98

 E974EB

 77007E

 FF90FF

 5C0064

 FFACFF

 41004C

 FFC9FF

 280034

 FFE6FF

 00001E

 000000

 AF3CB3

 AF3CB3

 AE2AB3

 B04EB3

■ AE18B3

■ B060B3

■ AD06B3

■ B172B3

■ AD00B3

■ B184B3

■ B295B3

■ B3A7B3

■ B3B9B3

■ B4CBB3

■ B4DDB3

Harmonies

Analogous

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



5361DE



AF3CB3



D30F78

Triad

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



AF3CB3



8C6900



0088A4

Complementary

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



AF3CB3



40B33C

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.



008765



AF3CB3



507A00

Square

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



AF3CB3



B94D00



008322



0084D5

Rectangle

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



AF3CB3



D7164F



008322



008890

Sweetspot

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



AF3CB3



E6BAE8



3C42B3



745975



F5F5F5



757575

Same Dimension

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



AF3CB3



E22EE8



B33C7D



595059



940099



19001A

Inverse Universe

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



B33C40



E82E35



3CB372



595051



990005



1A0001

Previews

White Background



This preview shows how the Hex color AF3CB3 looks on a white background.

Color Contrast Check

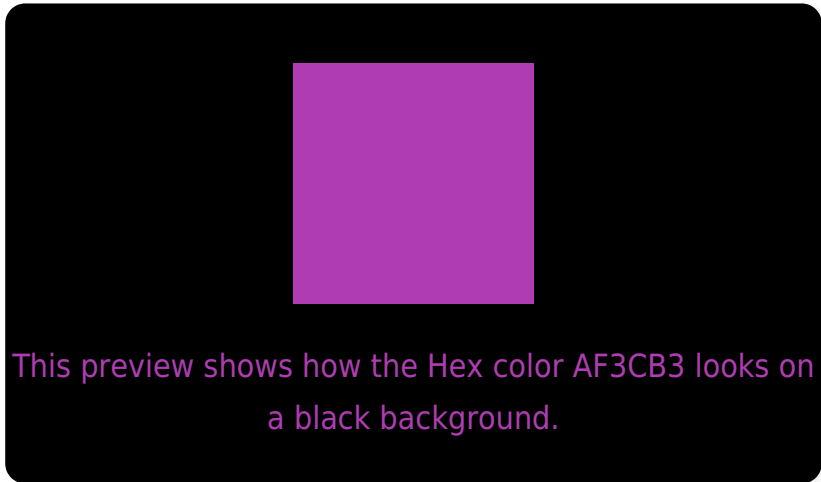
Large Text (above 18pt) WCAG AA ✓ Pass

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

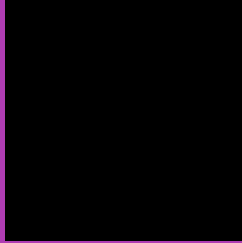
Any Text WCAG AA × Fail

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 AF3CB3 Background



This preview shows how black text looks on a background with the Hex color AF3CB3.

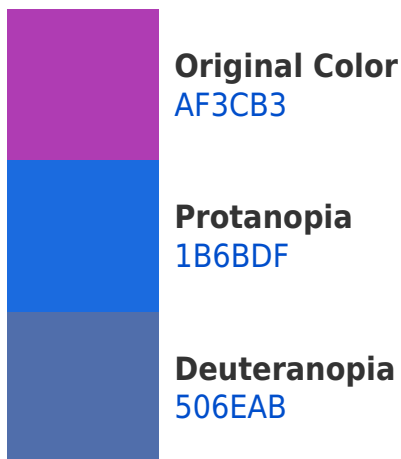


This preview shows how white text looks on a background with the Hex color AF3CB3.

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](#).

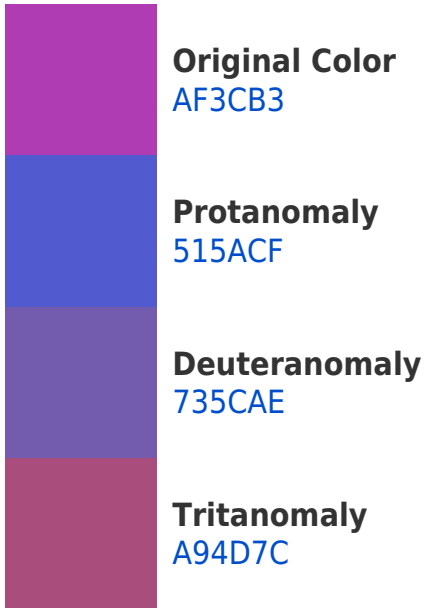
Dichromacy





Tritanopia
A5575D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF3CB3 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 #AF3CB3 looks like.

```
.text, #text, p{  
    color:#AF3CB3  
}
```

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 #AF3CB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF3CB3
}
```

Border

The CSS property to change the border of an element to Hex AF3CB3 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
#AF3CB3 }
```

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

```
.border{ border-color:#AF3CB3 }
```

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

Here you see how a box with a 4 pixel #AF3CB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF3CB3; -webkit-box-shadow:4px 4px  
4px 4px #AF3CB3; box-shadow:4px 4px 4px  
4px #AF3CB3 }
```

Background

The CSS property to change the background color of an element to Hex AF3CB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF3CB3 }
```

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

```
.background{ background-color:#AF3CB3 }
```

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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