

Converting Colors

Hex(AF2BB5)

Have a look what the booklet for
Hex(AF2BB5) contains.

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Color

Hex(AF2BB5)

Conversions

Conversions Part 1

Format	Color
Hex	AF2BB5
RGB	175, 43, 181
RGB Percent	69%, 17%, 71%
CMY	0.3137, 0.8314, 0.2902
CMYK	0.03, 0.76, 0.00, 0.29
HSL	297°, 62%, 44%
HSV	297°, 76%, 71%
XYZ	26.8836, 14.1779, 45.0358
YIQ	98.2000, 34.3740, 70.9020

Conversions

Conversions Part 2

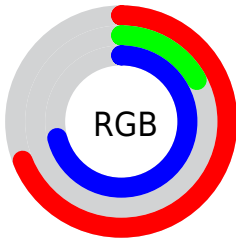
Format	Color
R_{YB}	175, 43, 181
Decimal	11479989
CIE _{Lab}	44.49, 67.49, -44.73
CIE _{LCh}	44, 80.966, 326.467
Yxy	14.1779, 0.3122, 0.1647
Android (android.graphics.Color)	4289670069 (0xFFAF2BB5)
YUV	98.2000, 40.8204, 67.3536
Hunter-Lab	37.6536, 61.5501, -44.5566

Details

The Hex color **AF2BB5** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **31B52B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **EA68ED**, and **76007F** is the 20% darker color. If you saturate the color by 10%, you get **AE19B5**, and if you desaturate by 10%, it is **B03DB5**.

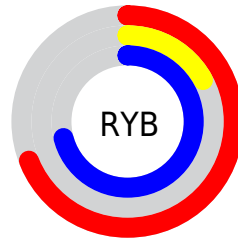
Distribution



Red (69%)

Green (17%)

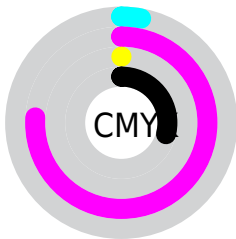
Blue (71%)



Red (69%)

Yellow (17%)

Blue (71%)

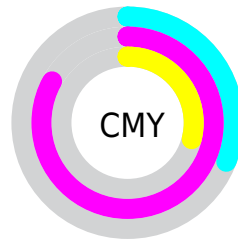


Cyan (3%)

Magenta (76%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (83%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF2BB5 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 AF2BB5 by changing the saturation by 10% instead.

 AF2BB5

 AF2BB5

FFFFFF

 92009A

 EA68ED

 76007F

 FF84FF

 5B0066

 FFA0FF

 40004D

 FFBDFE

 250036

 FFDAFF

 00011F

 FFF8FF

 000002

 000000

 AF2BB5

 AF2BB5

■ AE19B5

■ B03DB5

■ AD07B5

■ B14FB5

■ AD00B5

■ B161B5

■ B273B5

■ B386B5

■ B498B5

■ B5AAB5

■ B5BCB5

■ B6CEB5

Harmonies

Analogous

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



405BE4



AF2BB5



D60074

Triad

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



AF2BB5



886400



0084A4

Complementary

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



AF2BB5



31B52B

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.



00835F



AF2BB5



457600

Square

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



AF2BB5



B84300



007F0E



0081DA

Rectangle

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



AF2BB5



DA0048



007F0E



00848E

Sweetspot

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



AF2BB5



E8B5EB



2B32B5



745475



F5F5F5



757575

Same Dimension

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



AF2BB5



E115EB



B52B77



595059



920099



18001A

Inverse Universe

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



B52B31



EB151E



2BB569



595051



990007



1A0001

Previews

White Background



This preview shows how the Hex color AF2BB5 looks on a white background.

Color Contrast Check

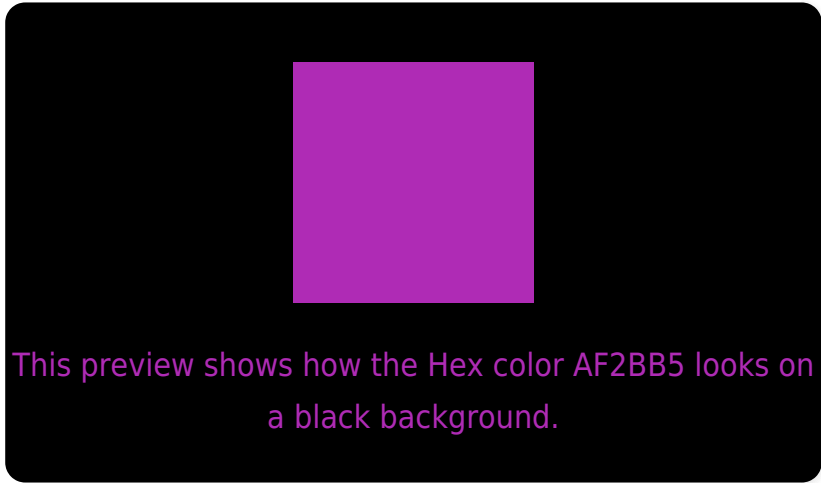
Large Text (above 18pt) WCAG AA ✓ Pass

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

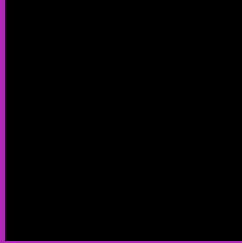
Any Text WCAG AA × Fail

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 AF2BB5 Background



This preview shows how black text looks on a background with the Hex color AF2BB5.

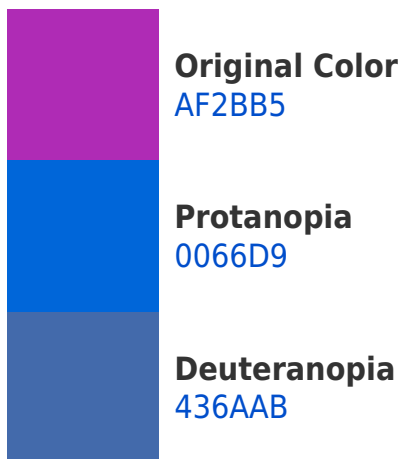


This preview shows how white text looks on a background with the Hex color AF2BB5.

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](#).

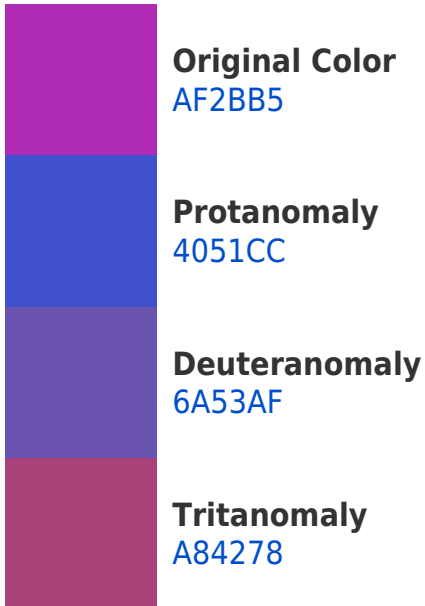
Dichromacy





Tritanopia
A44F55

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF2BB5 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 #AF2BB5 looks like.

```
.text, #text, p{  
    color:#AF2BB5  
}
```

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 #AF2BB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF2BB5
}
```

Border

The CSS property to change the border of an element to Hex AF2BB5 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
#AF2BB5 }
```

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

```
.border{ border-color:#AF2BB5 }
```

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

Here you see how a box with a 4 pixel #AF2BB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF2BB5; -webkit-box-shadow:4px 4px  
4px 4px #AF2BB5; box-shadow:4px 4px 4px  
4px #AF2BB5 }
```

Background

The CSS property to change the background color of an element to Hex AF2BB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF2BB5 }
```

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

```
.background{ background-color:#AF2BB5 }
```

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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