

# Converting Colors

Hex(AF55BD)

Have a look what the booklet for  
Hex(AF55BD) contains.

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# Color

**Hex(AF55BD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF55BD
RGB	175, 85, 189
RGB Percent	69%, 33%, 74%
CMY	0.3137, 0.6667, 0.2588
CMYK	0.07, 0.55, 0.00, 0.26
HSL	292°, 44%, 54%
HSV	292°, 55%, 74%
XYZ	30.1130, 19.2851, 50.2794
YIQ	123.7660, 20.2560, 51.4240

# Conversions

## Conversions Part 2

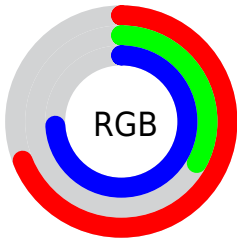
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 85, 189
Decimal	11490749
CIE <sub>Lab</sub>	51.02, 51.98, -39.04
CIE <sub>LCh</sub>	51, 65.009, 323.096
Yxy	19.2851, 0.3021, 0.1935
Android (android.graphics.Color)	4289680829 (0xFFAF55BD)
YUV	123.7660, 32.1604, 44.9322
Hunter-Lab	43.9148, 45.5492, -37.1426

# Details

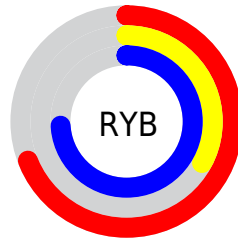
The Hex color **AF55BD** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **63BD55**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **E98BF6**, and **781E87** is the 20% darker color. If you saturate the color by 10%, you get **AC42BD**, and if you desaturate by 10%, it is **B268BD**.

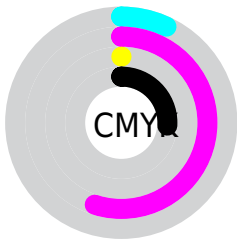
# Distribution



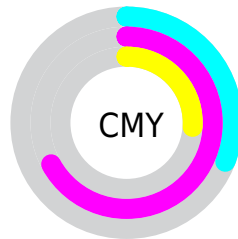
- Red (69%)
- Green (33%)
- Blue (74%)



- Red (69%)
- Yellow (33%)
- Blue (74%)



- Cyan (7%)
- Magenta (55%)
- Yellow (0%)
- Black (26%)



- Cyan (31%)
- Magenta (67%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF55BD 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 AF55BD by changing the saturation by 10% instead.



 AF55BD

 AF55BD

FFFFFF

 933AA2

 E98BF6

 781E87

 FFA6FF

 5D006D

 FFC2FF

 430055

 FFDFFF

 2C003D

 FFFCFF

 050026

 00010F

 000000

 AF55BD

 AF55BD

■ AC42BD

■ B268BD

■ AA2FBD

■ B47BBB

■ A71CBD

■ B78EBB

■ A509BD

■ B9A1BB

■ A400BD

■ BCB3BB

■ BEC6BB

■ C1D9BB

■ C3ECBB

■ C6FFBB

# Harmonies

## Analogous

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



5A70E1



AF55BD



D53D89

# Triad

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



AF55BD



9D7300



0092A4

# Complementary

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



AF55BD



63BD55

# 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.



00926A



AF55BD



698300

# Square

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



AF55BD



C45B1D



028D31



008FD2

# Rectangle

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



AF55BD



DB3C64



028D31



009391



# Sweetspot

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



AF55BD



EFCBF5



5565BD



77627A



FAFAFA



7A7A7A



# Same Dimension

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



AF55BD



DF53F5



BD5599



5D555E



89009E



1A001F



# Inverse Universe

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



BD5563



F55369



55BD79



5E5556



9E0015

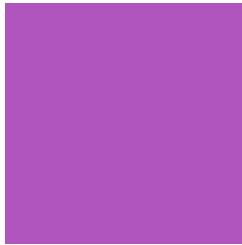


1F0004



# Previews

## White Background



This preview shows how the Hex color AF55BD looks on a white background.

## Color Contrast Check

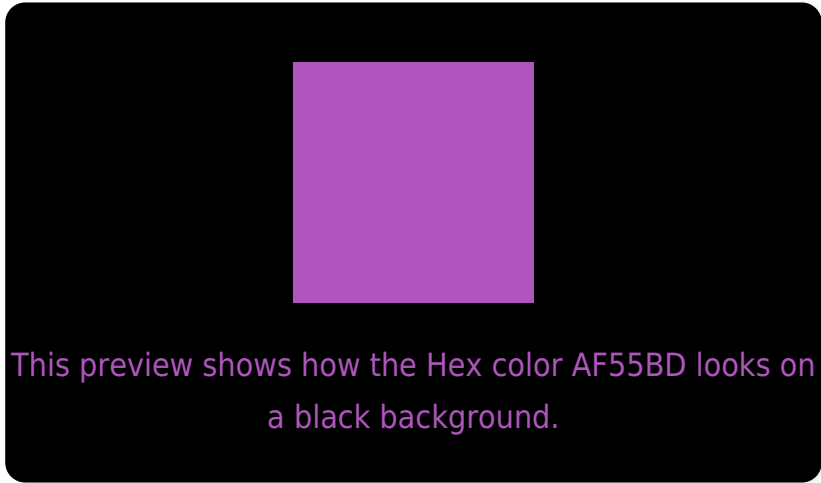
Large Text (above 18pt) WCAG AA ✓ Pass

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

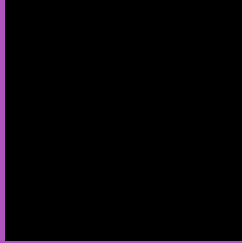
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AF55BD Background



This preview shows how black text looks on a background with the Hex color AF55BD.

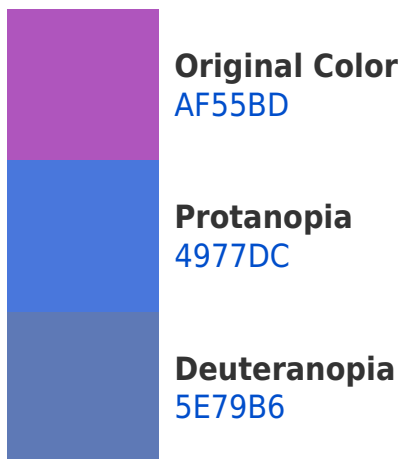



This preview shows how white text looks on a background with the Hex color AF55BD.

# 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](#).

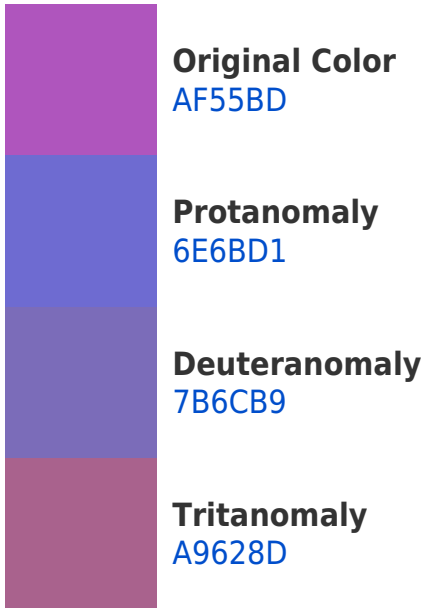
## Dichromacy





**Tritanopia**  
A56971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF55BD 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 #AF55BD looks like.

```
.text, #text, p{  
    color:#AF55BD  
}
```

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 #AF55BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF55BD
}
```

## Border

The CSS property to change the border of an element to Hex AF55BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

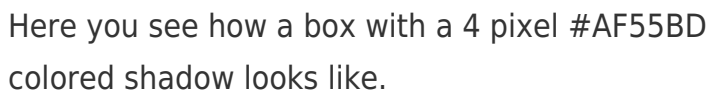
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF55BD }
```

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

```
.border{ border-color:#AF55BD }
```

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



Here you see how a box with a 4 pixel `#AF55BD` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF55BD; -webkit-box-shadow:4px 4px  
4px 4px #AF55BD; box-shadow:4px 4px 4px  
4px #AF55BD }
```

# Background

The CSS property to change the background color of an element to Hex AF55BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF55BD }
```

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

```
.background{ background-color:#AF55BD }
```

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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