

# Converting Colors

Hex(AF50B8)

Have a look what the booklet for  
Hex(AF50B8) contains.

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# Color

**Hex(AF50B8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF50B8
RGB	175, 80, 184
RGB Percent	69%, 31%, 72%
CMY	0.3137, 0.6863, 0.2784
CMYK	0.05, 0.57, 0.00, 0.28
HSL	295°, 42%, 52%
HSV	295°, 57%, 72%
XYZ	29.1996, 18.3120, 47.3430
YIQ	120.2610, 23.2360, 52.4840

# Conversions

## Conversions Part 2

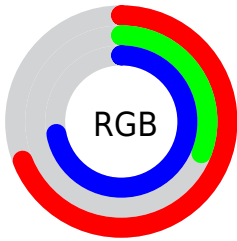
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 80, 184
Decimal	11489464
CIE <sub>Lab</sub>	49.87, 53.45, -37.94
CIE <sub>LCh</sub>	50, 65.545, 324.627
Yxy	18.3120, 0.3078, 0.1931
Android (android.graphics.Color)	4289679544 (0xFFAF50B8)
YUV	120.2610, 31.4233, 48.0061
Hunter-Lab	42.7925, 46.9132, -35.6401

# Details

The Hex color **AF50B8** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **59B850**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **E986F0**, and **781782** is the 20% darker color. If you saturate the color by 10%, you get **AD3EB8**, and if you desaturate by 10%, it is **B162B8**.

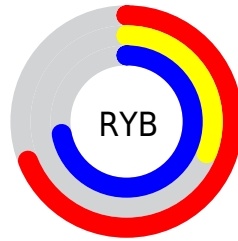
# Distribution



Red (69%)

Green (31%)

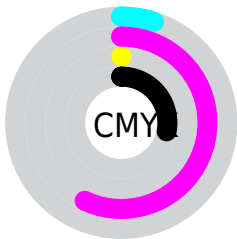
Blue (72%)



Red (69%)

Yellow (31%)

Blue (72%)

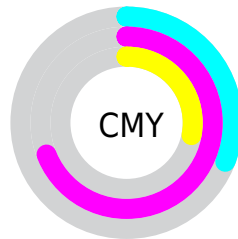


Cyan (5%)

Magenta (57%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (69%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF50B8 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 AF50B8 by changing the saturation by 10% instead.



 AF50B8

 AF50B8

FFFFFF

 93359D

 E986F0

 781782

 FFA1FF

 5D0069

 FFBDFE

 430050

 FFDAFF

 2C0039

 FFF7FF

 010022

 000008

 000000

 AF50B8

 AF50B8

AD3EB8

B162B8

AC2BB8

B275B8

AA19B8

B487B8

A906B8

B59AB8

A800B8

B7ACB8

B9BEB8

BAD1B8

BCE3B8

BDF6B8

# Harmonies

## Analogous

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



5D6CDD



AF50B8



D33883

# Triad

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



AF50B8



987100



008FA4

# Complementary

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



AF50B8



59B850

# 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.



008F6A



AF50B8



638100

# Square

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



AF50B8



C05916



008A30



008BD1

# Rectangle

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



AF50B8



D8385E



008A30



009091



# Sweetspot

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



AF50B8



ECC7F0



505AB8



766078



F7F7F7



787878



# Same Dimension

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



AF50B8



E24DF0



B8508E



5B535C



8E009C



1A001C



# Inverse Universe

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



B85059



F04D5B



50B87A



5C5353



9C000D

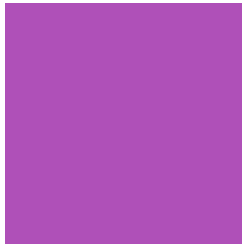


1C0002



# Previews

## White Background



This preview shows how the Hex color AF50B8 looks on a white background.

## Color Contrast Check

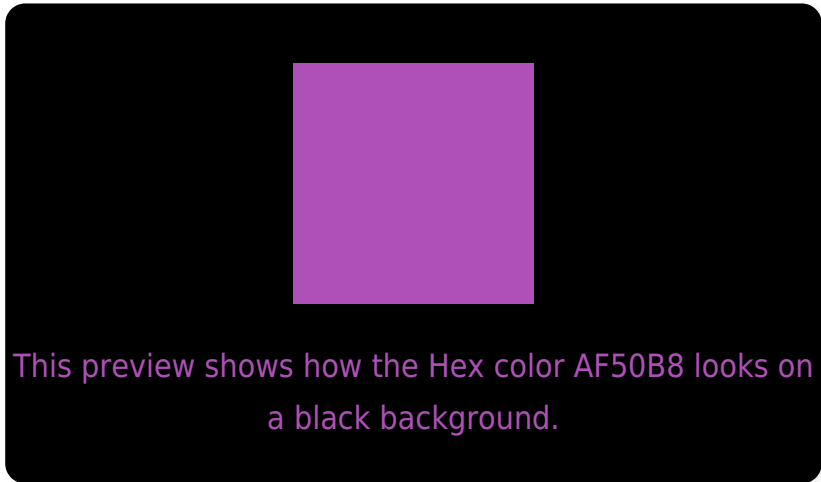
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

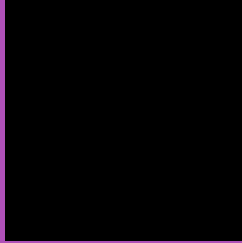
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AF50B8 Background



This preview shows how black text looks on a background with the Hex color AF50B8.

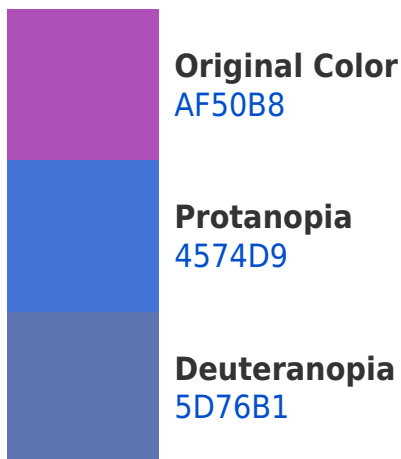



This preview shows how white text looks on a background with the Hex color AF50B8.

# 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**  
A5646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF50B8 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 #AF50B8 looks like.

```
.text, #text, p{  
    color:#AF50B8  
}
```

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 #AF50B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF50B8  
}
```

## Border

The CSS property to change the border of an element to Hex AF50B8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

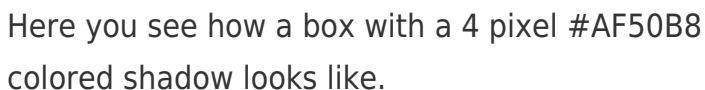
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AF50B8 }
```

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

```
.border{ border-color:#AF50B8 }
```

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



Here you see how a box with a 4 pixel #AF50B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF50B8; -webkit-box-shadow:4px 4px  
4px 4px #AF50B8; box-shadow:4px 4px 4px  
4px #AF50B8 }
```

# Background

The CSS property to change the background color of an element to Hex AF50B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF50B8 }
```

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

```
.background{ background-color:#AF50B8 }
```

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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