

# Converting Colors

Hex(AD50B9)

Have a look what the booklet for  
Hex(AD50B9) contains.

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# Color

**Hex(AD50B9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD50B9
RGB	173, 80, 185
RGB Percent	68%, 31%, 73%
CMY	0.3216, 0.6863, 0.2745
CMYK	0.06, 0.57, 0.00, 0.27
HSL	293°, 43%, 52%
HSV	293°, 57%, 73%
XYZ	28.8592, 18.1243, 47.8762
YIQ	119.7770, 21.7230, 52.3710

# Conversions

## Conversions Part 2

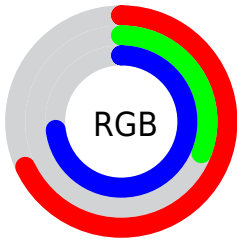
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	173, 80, 185
Decimal	11358393
CIE <sub>Lab</sub>	49.65, 53.10, -38.90
CIE <sub>LCh</sub>	50, 65.826, 323.775
Yxy	18.1243, 0.3042, 0.1911
Android (android.graphics.Color)	4289548473 (0xFFAD50B9)
YUV	119.7770, 32.1549, 46.6766
Hunter-Lab	42.5727, 46.4995, -36.8752

# Details

The Hex color **AD50B9** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **5CB950**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **E786F2**, and **761783** is the 20% darker color. If you saturate the color by 10%, you get **AB3DB9**, and if you desaturate by 10%, it is **AF63B9**.

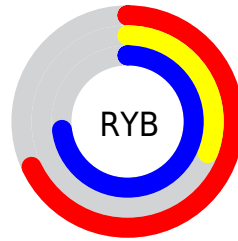
# Distribution



Red (68%)

Green (31%)

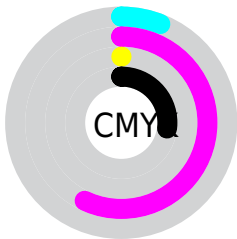
Blue (73%)



Red (68%)

Yellow (31%)

Blue (73%)

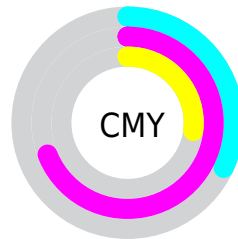


Cyan (6%)

Magenta (57%)

Yellow (0%)

Black (27%)



Cyan (32%)

Magenta (69%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD50B9 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 AD50B9 by changing the saturation by 10% instead.



 AD50B9

 AD50B9

FFFFFF

 91359E

 E786F2

 761783

 FFA1FF

 5B006A

 FFBDFE

 410051

 FFDAFF

 2B003A

 FFF7FF

 000023

 000009

 000000

 AD50B9

 AD50B9

 AB3DB9

 AF63B9

 A92BB9

 B175B9

 A718B9

 B388B9

 A506B9

 B59AB9

 A400B9

 B8ADB9

 BABFB9

 BCD2B9

 BEE4B9

 C0F6B9

# Harmonies

## Analogous

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



586CDD



AD50B9



D23784

# Triad

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



AD50B9



987000



008FA2

# Complementary

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



AD50B9



5CB950

# 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.



008E68



AD50B9



648000

# Square

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



AD50B9



C05717



008A2E



008BD0

# Rectangle

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



AD50B9



D8375F



008A2E



008F8F



# Sweetspot

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



AD50B9



EBC7F0



505CB9



756078



F7F7F7



787878



# Same Dimension

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



AD50B9



DD4DF0



B95091



5B535C



8A009C



19001C



# Inverse Universe

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



B9505C



F04D5F



50B978



5C5354



9C0012



1C0003



# Previews

## White Background



This preview shows how the Hex color AD50B9 looks on a white background.

## Color Contrast Check

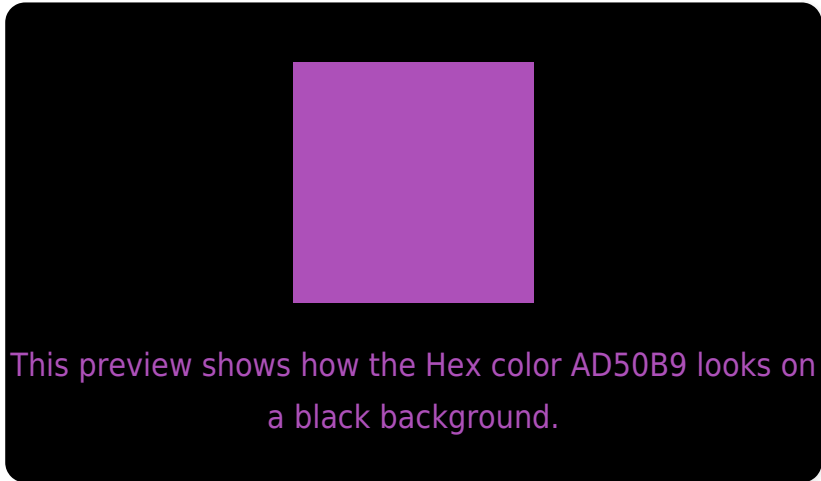
Large Text (above 18pt) WCAG AA ✓ Pass

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

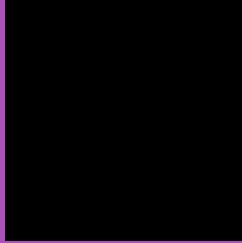
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AD50B9 Background



This preview shows how black text looks on a background with the Hex color AD50B9.

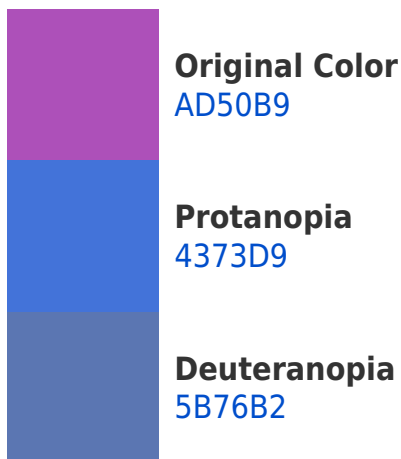



This preview shows how white text looks on a background with the Hex color AD50B9.

# 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



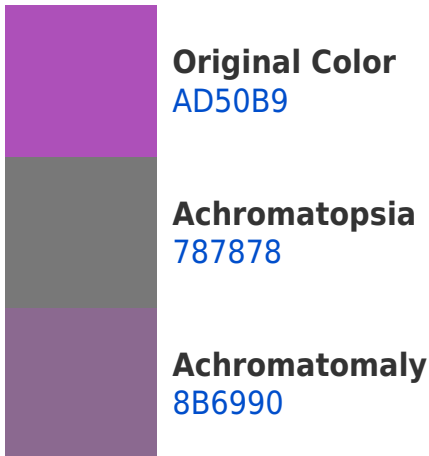


**Tritanopia**  
A3656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD50B9 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 #AD50B9 looks like.

```
.text, #text, p{  
    color:#AD50B9  
}
```

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 #AD50B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD50B9
}
```

## Border

The CSS property to change the border of an element to Hex AD50B9 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
#AD50B9 }
```

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

```
.border{ border-color:#AD50B9 }
```

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

Here you see how a box with a 4 pixel #AD50B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD50B9; -webkit-box-shadow:4px 4px  
4px 4px #AD50B9; box-shadow:4px 4px 4px  
4px #AD50B9 }
```

# Background

The CSS property to change the background color of an element to Hex AD50B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD50B9 }
```

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

```
.background{ background-color:#AD50B9 }
```

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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