

# Converting Colors

Hex(AD55CB)

Have a look what the booklet for  
Hex(AD55CB) contains.

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# Color

Hex(AD55CB)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD55CB
RGB	173, 85, 203
RGB Percent	68%, 33%, 80%
CMY	0.3216, 0.6667, 0.2039
CMYK	0.15, 0.58, 0.00, 0.20
HSL	285°, 53%, 56%
HSV	285°, 58%, 80%
XYZ	31.2616, 19.6930, 58.6534
YIQ	124.7640, 14.5700, 55.3540

# Conversions

## Conversions Part 2

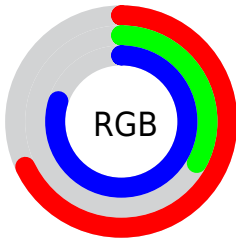
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	173, 85, 203
Decimal	11359691
CIE <sub>Lab</sub>	51.49, 54.24, -46.37
CIE <sub>LCh</sub>	51, 71.362, 319.471
Yxy	19.6930, 0.2852, 0.1797
Android (android.graphics.Color)	4289549771 (0xFFAD55CB)
YUV	124.7640, 38.5703, 42.3030
Hunter-Lab	44.3768, 48.0861, -47.3005

# Details

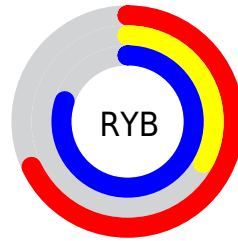
The Hex color **AD55CB** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **73CB55**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **E78BFF**, and **751E94** is the 20% darker color. If you saturate the color by 10%, you get **A841CB**, and if you desaturate by 10%, it is **B269CB**.

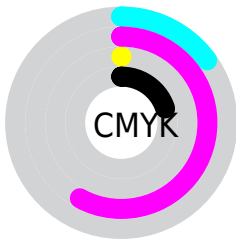
# Distribution



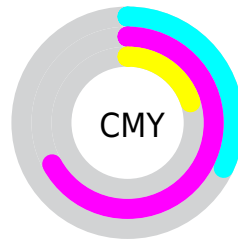
- Red (68%)
- Green (33%)
- Blue (80%)



- Red (68%)
- Yellow (33%)
- Blue (80%)



- Cyan (15%)
- Magenta (58%)
- Yellow (0%)
- Black (20%)



- Cyan (32%)
- Magenta (67%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AD55CB 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 AD55CB by changing the saturation by 10% instead.



 AD55CB

 AD55CB

FFFFFF

 913AAF

 E78BFF

 751E94

 FFA6FF

 5A007A

 FFC2FF

 400060

 FFDFFF

 270048

 FFFCFF

 000031

 00011B

 000000

 AD55CB

 AD55CB

 A841CB

 B269CB

 A32CCB

 B77ECB

 9E18CB

 BC92CB

 9804CB

 C2A6CB

 9700CB

 C7BBCB

 CCCFCB

 D1E3CB

 D6F7CB

 DBFFCB

# Harmonies

## Analogous

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



3C74EF



AD55CB



DB3493

# Triad

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



AD55CB



A67000



0095A2

# Complementary

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



AD55CB



73CB55

# 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.



009462



AD55CB



6F8400

# Square

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



AD55CB



CF541A



028F20



0093D7

# Rectangle

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



AD55CB



E52F6A



028F20



00958D



# Sweetspot

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



AD55CB



F4D4FF



5574CB



796680



000000



808080



# Same Dimension

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



AD55CB



D24DFF



CB55AF



635C66



7C00A6



1D0026



# Inverse Universe

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



CB5573



FF4D7A



55CB71



665C5E



A6002A

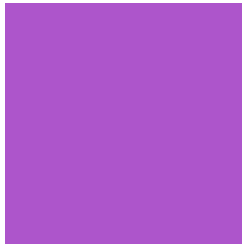


26000A



# Previews

## White Background



This preview shows how the Hex color AD55CB looks on a white background.

## Color Contrast Check

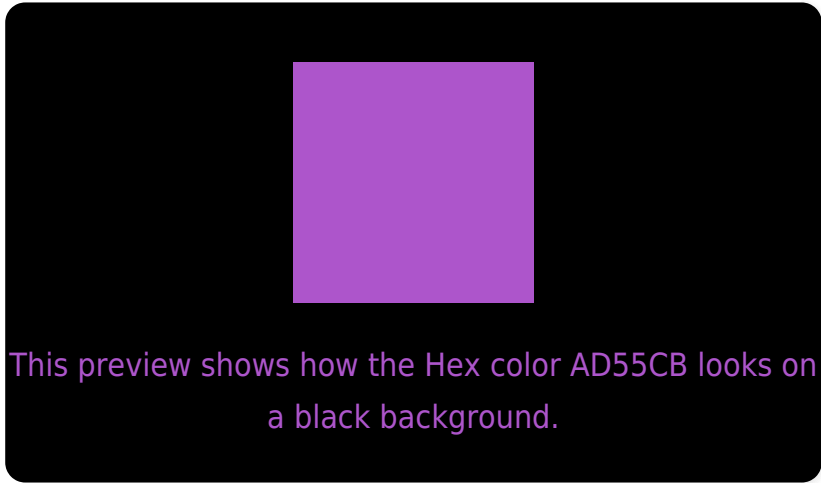
Large Text (above 18pt) WCAG AA ✓ Pass

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

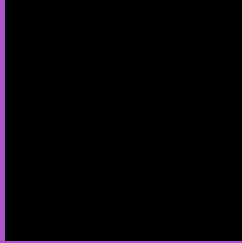
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AD55CB Background



This preview shows how black text looks on a background with the Hex color AD55CB.

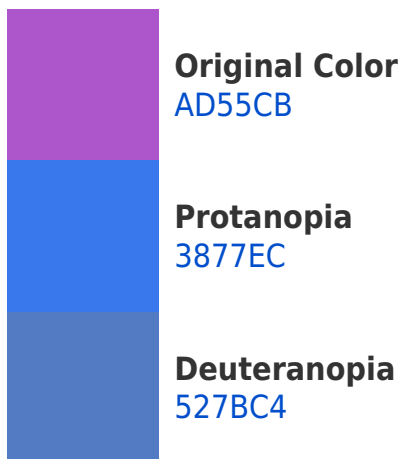


This preview shows how white text looks on a background with the Hex color AD55CB.

# 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](#).

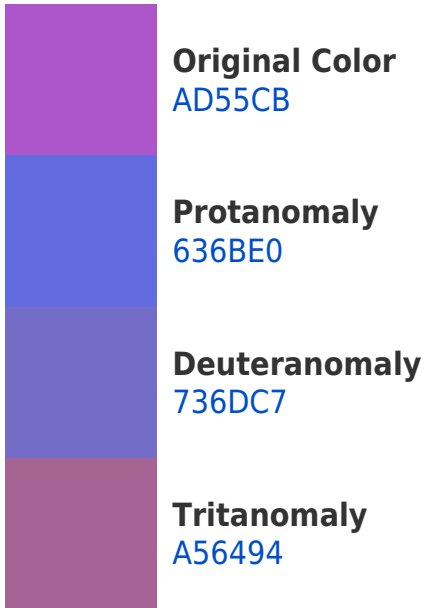
## Dichromacy





**Tritanopia**  
A06C75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AD55CB 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 #AD55CB looks like.

```
.text, #text, p{  
    color:#AD55CB  
}
```

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 #AD55CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD55CB
}
```

## Border

The CSS property to change the border of an element to Hex AD55CB 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".

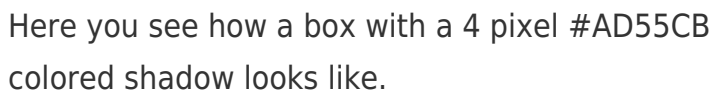
```
.border, #border, table{ border:4px solid
#AD55CB }
```

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

```
.border{ border-color:#AD55CB }
```

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

Here you see how a box with a 4 pixel #AD55CB colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a thick purple shadow is cast to the right and slightly downwards from the right edge of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD55CB; -webkit-box-shadow:4px 4px  
4px 4px #AD55CB; box-shadow:4px 4px 4px  
4px #AD55CB }
```

# Background

The CSS property to change the background color of an element to Hex AD55CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD55CB }
```

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

```
.background{ background-color:#AD55CB }
```

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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