

# Converting Colors

Hex(A35ACD)

Have a look what the booklet for  
Hex(A35ACD) contains.

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# Color

Hex(A35ACD)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A35ACD
RGB	163, 90, 205
RGB Percent	64%, 35%, 80%
CMY	0.3608, 0.6471, 0.1961
CMYK	0.20, 0.56, 0.00, 0.20
HSL	278°, 53%, 58%
HSV	278°, 56%, 80%
XYZ	29.7799, 19.5066, 59.9532
YIQ	124.9370, 6.5930, 51.2410

# Conversions

## Conversions Part 2

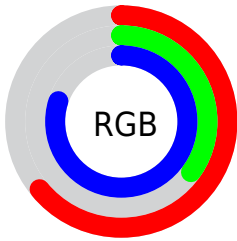
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 90, 205
Decimal	10705613
CIELab	51.27, 49.62, -47.93
CIELCh	51, 68.992, 315.990
Yxy	19.5066, 0.2726, 0.1786
Android (android.graphics.Color)	4288895693 (0xFFA35ACD)
YUV	124.9370, 39.4711, 33.3813
Hunter-Lab	44.1663, 43.0655, -49.5663

# Details

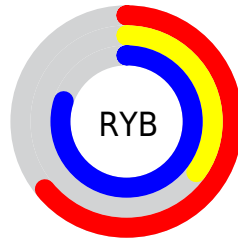
The Hex color **A35ACD** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **84CD5A**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **DC8FFF**, and **6C2696** is the 20% darker color. If you saturate the color by 10%, you get **9C46CD**, and if you desaturate by 10%, it is **AA6FCD**.

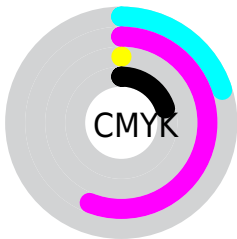
# Distribution



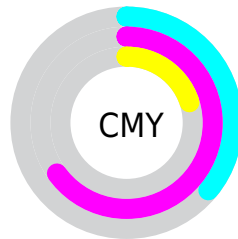
- Red (64%)
- Green (35%)
- Blue (80%)



- Red (64%)
- Yellow (35%)
- Blue (80%)



- Cyan (20%)
- Magenta (56%)
- Yellow (0%)
- Black (20%)



- Cyan (36%)
- Magenta (65%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A35ACD 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 A35ACD by changing the saturation by 10% instead.



 A35ACD

 A35ACD

FFFFFF

 8740B1

 DC8FFF

 6C2696

 FAAAFF

 51067C

 FFC6FF

 360062

 FFE3FF

 1E004A

 000032

 00021C

 000000

 A35ACD

 A35ACD

9C46CD

AA6FCD

9431CD

B283CD

8D1DCD

B998CD

8508CD

C1ACCD

8200CD

C8C1CD

D0D5CD

D7EACD

DFFECD

E6FFCD

# Harmonies

## Analogous

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



2276ED



A35ACD



D53B98

# Triad

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



A35ACD



AA6D00



009499

# Complementary

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



A35ACD



84CD5A

# 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.



00935B



A35ACD



768100

# Square

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



A35ACD



D05125



288D1C



0092CE

# Rectangle

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



A35ACD



E03371



288D1C



009485



# Sweetspot

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



A35ACD



EFD4FF



5A84CD



766680



000000



808080



# Same Dimension

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



A35ACD



C154FF



CD5ABE



625C66



6900A6



180026



# Inverse Universe

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



CD5A84



FF5493



5ACD69



665C60



A6003D

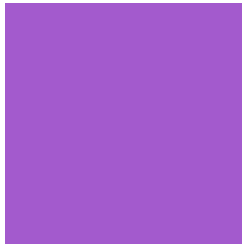


26000E



# Previews

## White Background



This preview shows how the Hex color A35ACD looks on a white background.

## Color Contrast Check

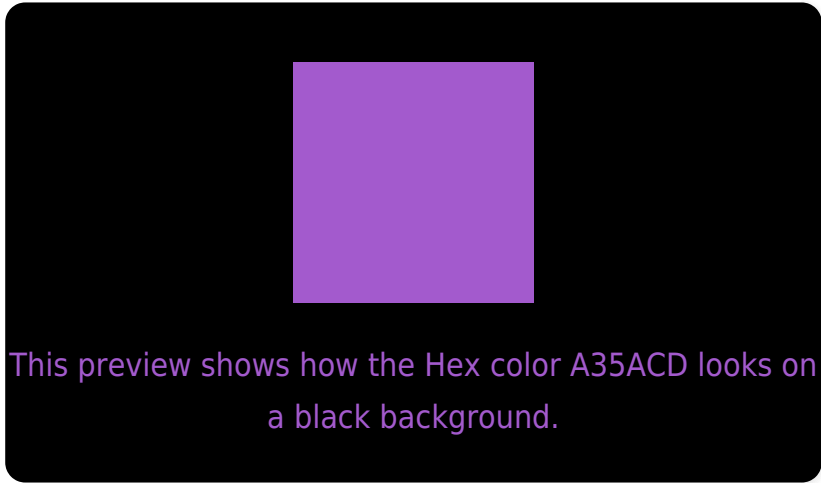
Large Text (above 18pt) WCAG AA ✓ Pass

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

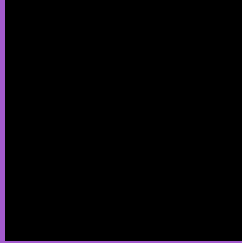
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A35ACD Background



This preview shows how black text looks on a background with the Hex color A35ACD.

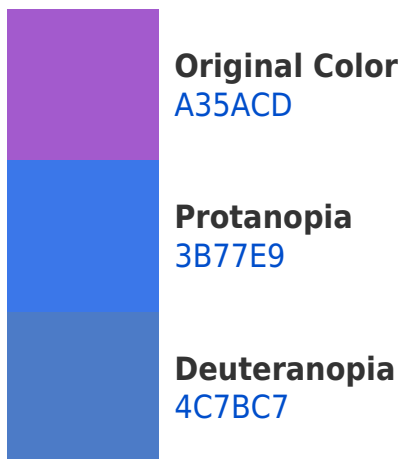


This preview shows how white text looks on a background with the Hex color A35ACD.

# 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](#).

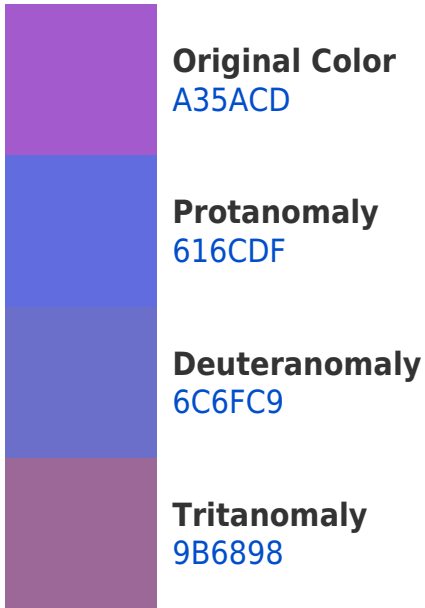
## Dichromacy



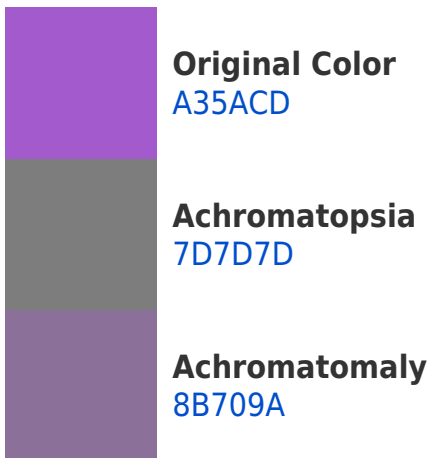


**Tritanopia**  
967079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A35ACD 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 #A35ACD looks like.

```
.text, #text, p{  
    color:#A35ACD  
}
```

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 #A35ACD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A35ACD
}
```

## Border

The CSS property to change the border of an element to Hex A35ACD 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
#A35ACD }
```

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

```
.border{ border-color:#A35ACD }
```

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

Here you see how a box with a 4 pixel #A35ACD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A35ACD; -webkit-box-shadow:4px 4px  
4px 4px #A35ACD; box-shadow:4px 4px 4px  
4px #A35ACD }
```

# Background

The CSS property to change the background color of an element to Hex A35ACD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A35ACD }
```

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

```
.background{ background-color:#A35ACD }
```

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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