

# Converting Colors

Hex(AB5FCA)

Have a look what the booklet for  
Hex(AB5FCA) contains.

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# Color

Hex(**AB5FCA**)

# Conversions

## Conversions Part 1

Format	Color
Hex	AB5FCA
RGB	171, 95, 202
RGB Percent	67%, 37%, 79%
CMY	0.3294, 0.6275, 0.2078
CMYK	0.15, 0.53, 0.00, 0.21
HSL	283°, 50%, 58%
HSV	283°, 53%, 79%
XYZ	31.5475, 21.1066, 58.2884
YIQ	129.9220, 10.9490, 49.3890

# Conversions

## Conversions Part 2

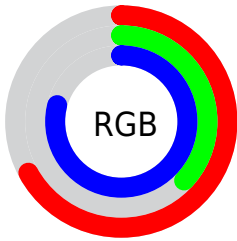
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 95, 202
Decimal	11231178
CIE <sub>Lab</sub>	53.07, 48.49, -43.31
CIE <sub>LCh</sub>	53, 65.019, 318.226
Yxy	21.1066, 0.2844, 0.1902
Android (android.graphics.Color)	4289421258 (0xFFAB5FCA)
YUV	129.9220, 35.5345, 36.0254
Hunter-Lab	45.9419, 42.1742, -43.0642

# Details

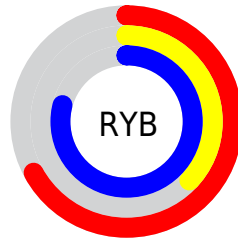
The Hex color **AB5FCA** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **7ECA5F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **E494FF**, and **742B93** is the 20% darker color. If you saturate the color by 10%, you get **A54BCA**, and if you desaturate by 10%, it is **B173CA**.

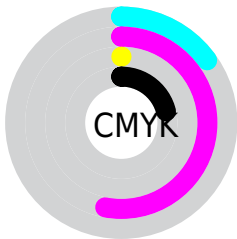
# Distribution



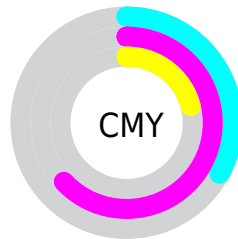
- Red (67%)
- Green (37%)
- Blue (79%)



- Red (67%)
- Yellow (37%)
- Blue (79%)



- Cyan (15%)
- Magenta (53%)
- Yellow (0%)
- Black (21%)



- Cyan (33%)
- Magenta (63%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB5FCA 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 AB5FCA by changing the saturation by 10% instead.



 AB5FCA

 AB5FCA

FFFFFF

 8F45AE

 E494FF

 742B93

 FF80FF

 590D79

 FFCCFF

 3F0060

 FFE8FF

 260047

 030030

 00011A

 000000

 AB5FCA

 AB5FCA

 A54BCA

 B173CA

 9F37CA

 B787CA

 9922CA

 BD9CCA

 940ECA

 C2B0CA

 8F00CA

 C8C4CA

 CED8CA

 D4ECCA

 DAFFCA

 E0FFCA

# Harmonies

## Analogous

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



4979EA



AB5FCA



D74697

# Triad

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



AB5FCA



AB7400



0098A0

# Complementary

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



AB5FCA



7ECA5F

# 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.



009766



AB5FCA



788600

# Square

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



AB5FCA



D05B2B



2E912D



0095D1

# Rectangle

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



AB5FCA



E14272



2E912D



00988D



# Sweetspot

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



AB5FCA



F3D6FF



5F7FCA



786780



000000



808080



# Same Dimension

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



AB5FCA



D05CFF



CA5FB5



635C66



7600A6



1B0026



# Inverse Universe

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



CA5F7E



FF5C8B



5FCA74



665C5F



A60030

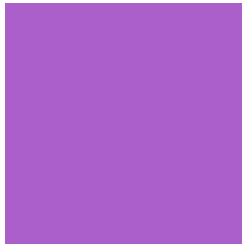


26000B



# Previews

## White Background



This preview shows how the Hex color AB5FCA looks on a white background.

## Color Contrast Check

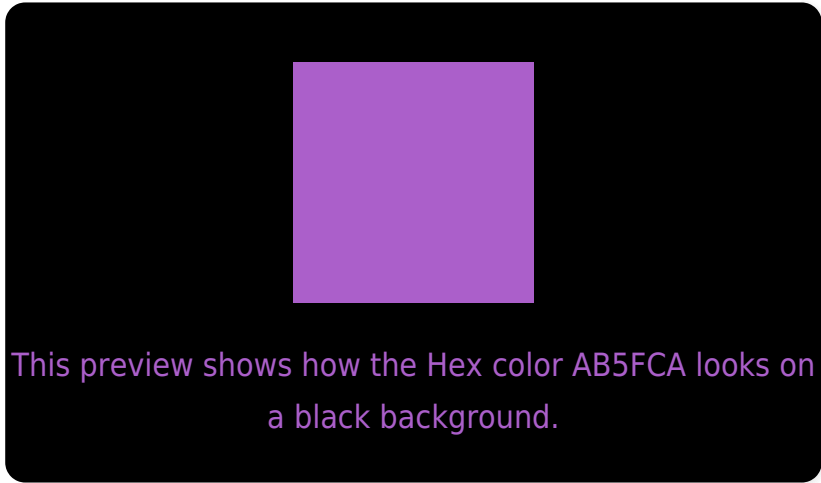
Large Text (above 18pt) WCAG AA ✓ Pass

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

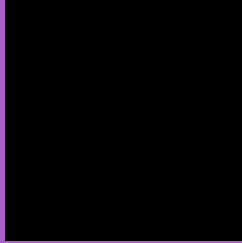
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB5FCA Background



This preview shows how black text looks on a background with the Hex color AB5FCA.

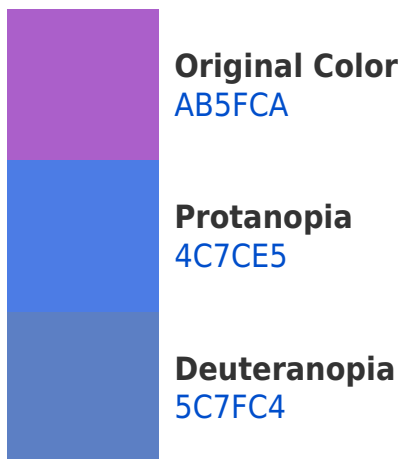


This preview shows how white text looks on a background with the Hex color AB5FCA.

# 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](#).

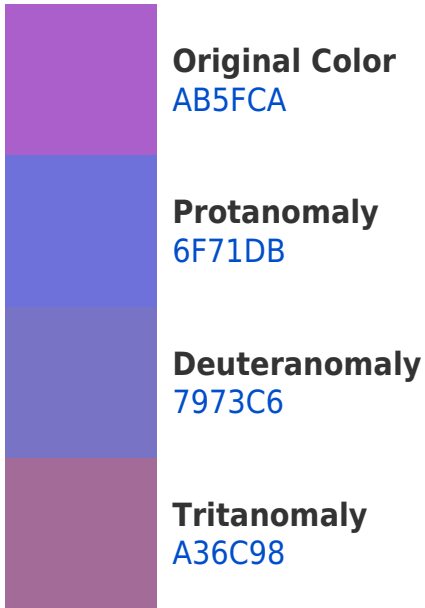
## Dichromacy



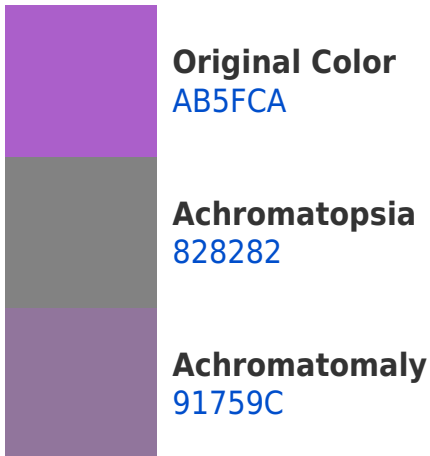


**Tritanopia**  
9F737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB5FCA 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 #AB5FCA looks like.

```
.text, #text, p{  
    color:#AB5FCA  
}
```

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 #AB5FCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB5FCA
}
```

## Border

The CSS property to change the border of an element to Hex AB5FCA 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
#AB5FCA }
```

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

```
.border{ border-color:#AB5FCA }
```

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

Here you see how a box with a 4 pixel #AB5FCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB5FCA; -webkit-box-shadow:4px 4px  
4px 4px #AB5FCA; box-shadow:4px 4px 4px  
4px #AB5FCA }
```

# Background

The CSS property to change the background color of an element to Hex AB5FCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB5FCA }
```

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

```
.background{ background-color:#AB5FCA }
```

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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