

# Converting Colors

Hex(AB5AB7)

Have a look what the booklet for  
Hex(AB5AB7) contains.

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# Color

**Hex(AB5AB7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB5AB7
RGB	171, 90, 183
RGB Percent	67%, 35%, 72%
CMY	0.3294, 0.6471, 0.2824
CMYK	0.07, 0.51, 0.00, 0.28
HSL	292°, 39%, 54%
HSV	292°, 51%, 72%
XYZ	28.9980, 19.3892, 47.0139
YIQ	124.8210, 18.4230, 46.0950

# Conversions

## Conversions Part 2

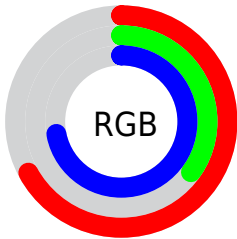
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	171, 90, 183
Decimal	11229879
CIE Lab	51.14, 47.21, -35.41
CIE LCh	51, 59.009, 323.127
Yxy	19.3892, 0.3040, 0.2032
Android (android.graphics.Color)	4289419959 (0xFFAB5AB7)
YUV	124.8210, 28.6822, 40.4990
Hunter-Lab	44.0331, 40.4932, -32.4804

# Details

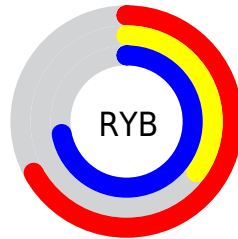
The Hex color **AB5AB7** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **66B75A**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **E48FEF**, and **742682** is the 20% darker color. If you saturate the color by 10%, you get **A948B7**, and if you desaturate by 10%, it is **AD6CB7**.

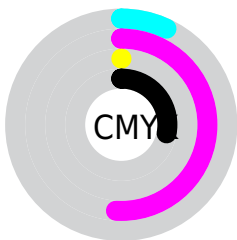
# Distribution



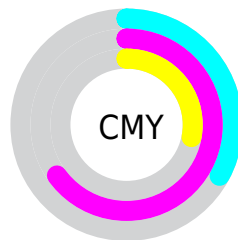
- Red (67%)
- Green (35%)
- Blue (72%)



- Red (67%)
- Yellow (35%)
- Blue (72%)



- Cyan (7%)
- Magenta (51%)
- Yellow (0%)
- Black (28%)



- Cyan (33%)
- Magenta (65%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB5AB7 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 AB5AB7 by changing the saturation by 10% instead.



 AB5AB7

 AB5AB7

FFFFFF

 8F409C

 E48FEF

 742682

 FFAAFF

 5A0568

 FFC6FF

 40004F

 FFE3FF

 2A0038

 000022

 000007

 000000

 AB5AB7

 AB5AB7

 A948B7

 AD6CB7

 A635B7

 B07FB7

 A423B7

 B291B7

 A211B7

 B4A3B7

 9F00B7

 B7B6B7

 B9C8B7

 BCDAB7

 BEECB7

 C0FFB7

# Harmonies

## Analogous

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



6271D7



AB5AB7



CE4788

# Triad

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



AB5AB7



9C7300



0091A0

# Complementary

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



AB5AB7



66B75A

# 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.



00906C



AB5AB7



6C8306

# Square

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



AB5AB7



C05E28



238C39



008DCA

# Rectangle

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



AB5AB7



D44766



238C39



00918F



# Sweetspot

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



AB5AB7



E9CAED



5A66B7



756278



F7F7F7



787878



# Same Dimension

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



AB5AB7



DA5CED



B75A95



5B535C



87009C



18001C



# Inverse Universe

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



B75A66



ED5C6F



5AB77C



5C5354



9C0014

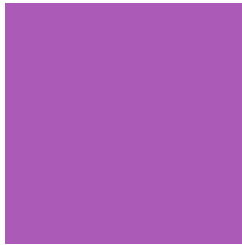


1C0004



# Previews

## White Background



This preview shows how the Hex color AB5AB7 looks on a white background.

## Color Contrast Check

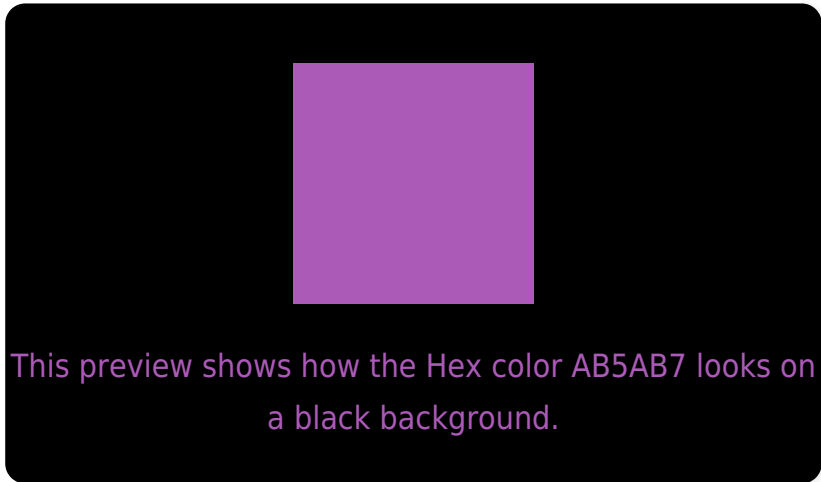
Large Text (above 18pt) WCAG AA ✓ Pass

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

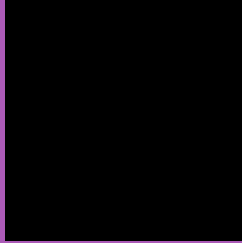
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB5AB7 Background



This preview shows how black text looks on a background with the Hex color AB5AB7.

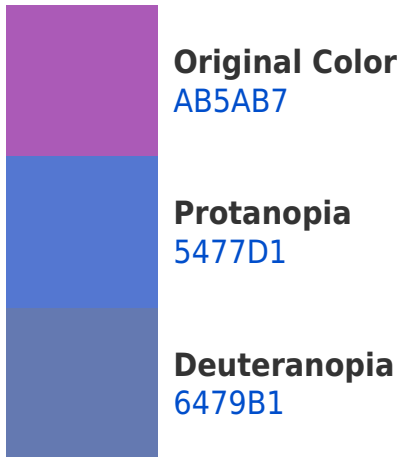



This preview shows how white text looks on a background with the Hex color AB5AB7.

# 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](#).

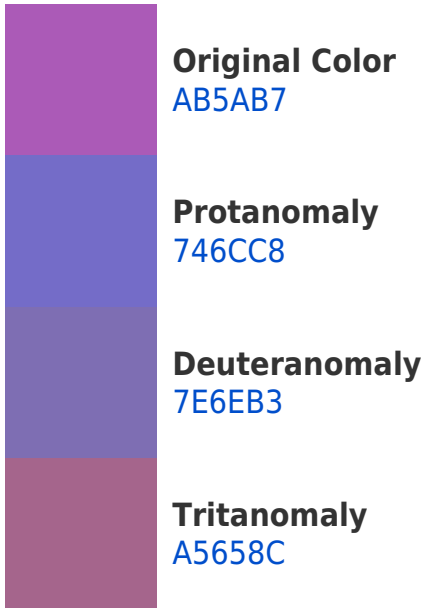
## Dichromacy



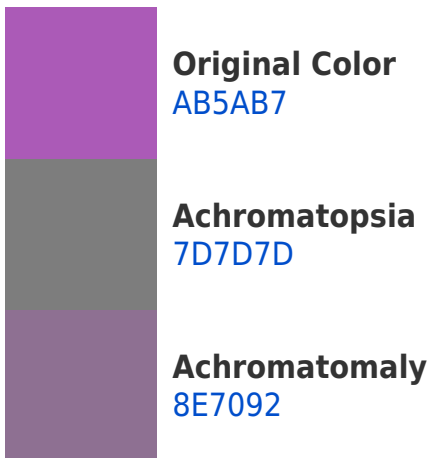


**Tritanopia**  
A26B73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB5AB7 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 #AB5AB7 looks like.

```
.text, #text, p{  
    color:#AB5AB7  
}
```

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 #AB5AB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB5AB7
}
```

## Border

The CSS property to change the border of an element to Hex AB5AB7 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
#AB5AB7 }
```

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

```
.border{ border-color:#AB5AB7 }
```

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

Here you see how a box with a 4 pixel #AB5AB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB5AB7; -webkit-box-shadow:4px 4px  
4px 4px #AB5AB7; box-shadow:4px 4px 4px  
4px #AB5AB7 }
```

# Background

The CSS property to change the background color of an element to Hex AB5AB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB5AB7 }
```

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

```
.background{ background-color:#AB5AB7 }
```

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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