

# Converting Colors

Hex(AB5C9B)

Have a look what the booklet for  
Hex(AB5C9B) contains.

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# Color

**Hex(AB5C9B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB5C9B
RGB	171, 92, 155
RGB Percent	67%, 36%, 61%
CMY	0.3294, 0.6392, 0.3922
CMYK	0.00, 0.46, 0.09, 0.33
HSL	312°, 32%, 52%
HSV	312°, 46%, 67%
XYZ	26.5381, 18.6788, 33.2170
YIQ	122.8030, 26.8610, 36.3410

# Conversions

## Conversions Part 2

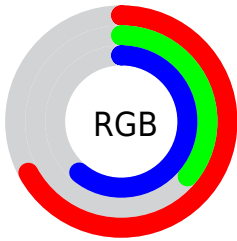
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	171, 92, 155
Decimal	11230363
CIE <sub>Lab</sub>	50.31, 40.98, -20.31
CIE <sub>LCh</sub>	50, 45.740, 333.638
Y <sub>xy</sub>	18.6788, 0.3384, 0.2381
Android (android.graphics.Color)	4289420443 (0xFFAB5C9B)
YUV	122.8030, 15.8731, 42.2688
Hunter-Lab	43.2190, 33.9728, -15.3155

# Details

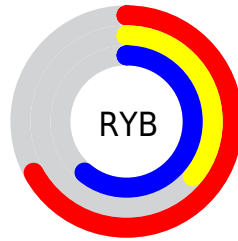
The Hex color **AB5C9B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5CAB6C**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **E490D2**, and **752968** is the 20% darker color. If you saturate the color by 10%, you get **AB4B98**, and if you desaturate by 10%, it is **AB6D9E**.

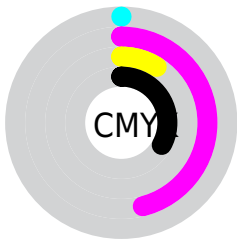
# Distribution



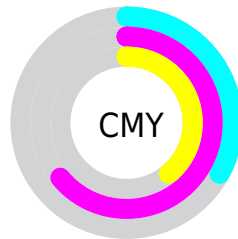
- Red (67%)
- Green (36%)
- Blue (61%)



- Red (67%)
- Yellow (36%)
- Blue (61%)



- Cyan (0%)
- Magenta (46%)
- Yellow (9%)
- Black (33%)



- Cyan (33%)
- Magenta (64%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB5C9B 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 AB5C9B by changing the saturation by 10% instead.



 AB5C9B

 AB5C9B

FFFFFF

 904381

 E490D2

 752968

 FFACEE

 5B0D4F

 FFC8FF

 410038

 FFE4FF

 2D0023

 000009

 000000

 AB5C9B

 AB5C9B

 AB4B98

 AB6D9E

 AB3A94

 AB7EA2

 AB2991

 AB8FA5

 AB188D

 ABA0A9

 AB068A

 ABB1AC

 AB0088

 ABC3B0

 ABD4B3

 ABE5B7

 ABF6BA

# Harmonies

## Analogous

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



806BB9



AB5C9B



BE5575

# Triad

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



AB5C9B



897725



008AA2

# Complementary

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



AB5C9B



5CAB6C

# 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.



008B7B



AB5C9B



618233

# Square

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



AB5C9B



A86931



258854



0085BD

# Rectangle

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



AB5C9B



BF575B



258854



008B96



# Sweetspot

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



AB5C9B



DEBFD8



6C5CAB



705D6C



F0F0F0



707070



# Same Dimension

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



AB5C9B



DE64C5



AB5C74



574E55



960078



170012



# Inverse Universe

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



AB5C9B



DE64C5



5CAB93



574E55



960078



170012



# Previews

## White Background



This preview shows how the Hex color AB5C9B looks on a white background.

## Color Contrast Check

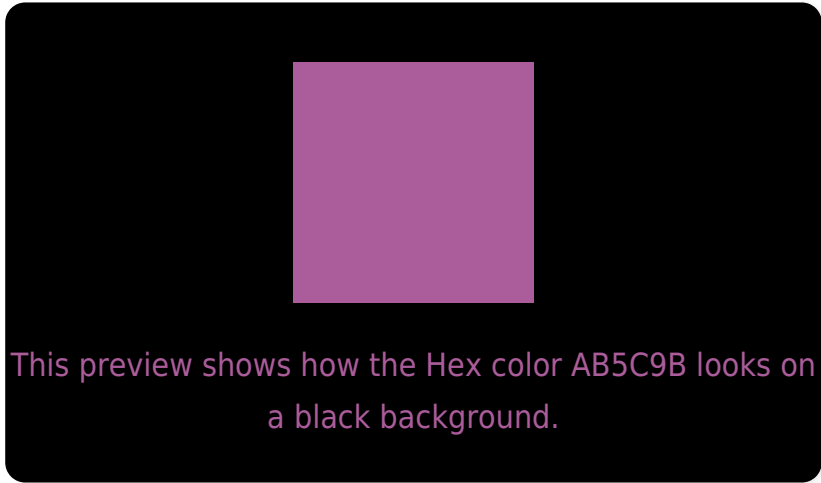
Large Text (above 18pt) WCAG AA ✓ Pass

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

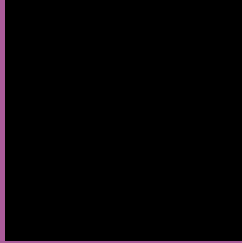
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB5C9B Background



This preview shows how black text looks on a background with the Hex color AB5C9B.

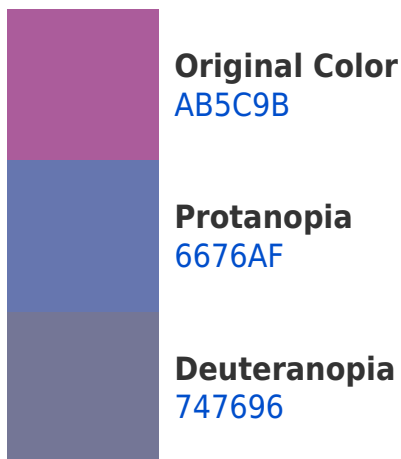



This preview shows how white text looks on a background with the Hex color AB5C9B.

# 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](#).

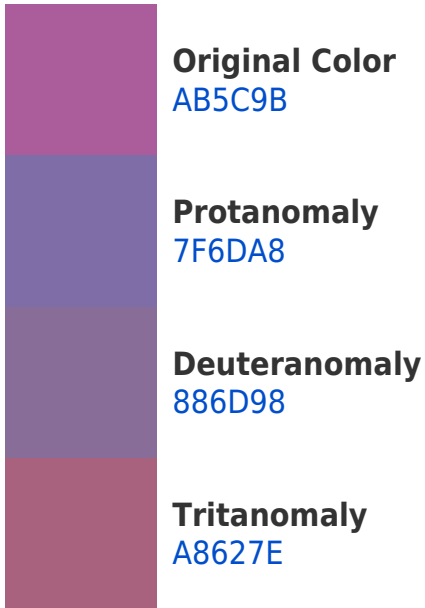
## Dichromacy





**Tritanopia**  
A6666D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB5C9B 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 #AB5C9B looks like.

```
.text, #text, p{  
    color:#AB5C9B  
}
```

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 #AB5C9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB5C9B
}
```

## Border

The CSS property to change the border of an element to Hex AB5C9B 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
#AB5C9B }
```

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

```
.border{ border-color:#AB5C9B }
```

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

Here you see how a box with a 4 pixel #AB5C9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB5C9B; -webkit-box-shadow:4px 4px  
4px 4px #AB5C9B; box-shadow:4px 4px 4px  
4px #AB5C9B }
```

# Background

The CSS property to change the background color of an element to Hex AB5C9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB5C9B }
```

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

```
.background{ background-color:#AB5C9B }
```

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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