

# Converting Colors

Hex(AB8DC9)

Have a look what the booklet for  
Hex(AB8DC9) contains.

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# Color

Hex(**AB8DC9**)

# Conversions

## Conversions Part 1

Format	Color
Hex	AB8DC9
RGB	171, 141, 201
RGB Percent	67%, 55%, 79%
CMY	0.3294, 0.4471, 0.2118
CMYK	0.15, 0.30, 0.00, 0.21
HSL	270°, 36%, 67%
HSV	270°, 30%, 79%
XYZ	36.8621, 31.9247, 59.4776
YIQ	156.8100, -1.3800, 25.0200

# Conversions

## Conversions Part 2

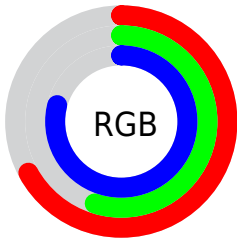
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 141, 201
Decimal	11242953
CIELab	63.28, 22.90, -26.80
CIElCh	63, 35.253, 310.515
Yxy	31.9247, 0.2874, 0.2489
Android (android.graphics.Color)	4289433033 (0xFFAB8DC9)
YUV	156.8100, 21.7857, 12.4446
Hunter-Lab	56.5020, 17.5756, -22.8611

# Details

The Hex color **AB8DC9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **ABC98D**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **E3C3FF**, and **765B93** is the 20% darker color. If you saturate the color by 10%, you get **A179C9**, and if you desaturate by 10%, it is **B5A1C9**.

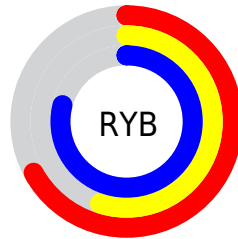
# Distribution



Red (67%)

Green (55%)

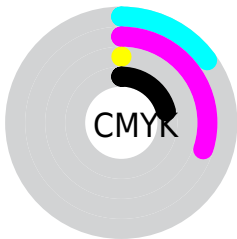
Blue (79%)



Red (67%)

Yellow (55%)

Blue (79%)

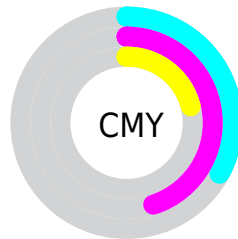


Cyan (15%)

Magenta (30%)

Yellow (0%)

Black (21%)



Cyan (33%)

Magenta (45%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB8DC9 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 AB8DC9 by changing the saturation by 10% instead.



 AB8DC9

 AB8DC9

FFFFFF

 9073AE

 E3C3FF

 765B93

 FFDFFF

 5D4379

 FFFCFF

 442C60

 2C1748

 180031

 00011B

 000000

 AB8DC9

 AB8DC9

 A179C9

 B5A1C9

 9765C9

 BFB5C9

 8D51C9

 C9C9C9

 833DC9

 D3DDC9

 7929C9

 DDF2C9

 6F14C9

 E7FFC9

 6500C9

 F1FFC9

 FBFFC9

 FFFFC9

# Harmonies

## Analogous

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



7E99D7



AB8DC9



C984AF

# Triad

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



AB8DC9



BF905E



2BAAA4

# Complementary

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



AB8DC9



ABC98D

# 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.



59A883



AB8DC9



A39B5B

# Square

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



AB8DC9



D28672



81A368



0AA8C1

# Rectangle

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



AB8DC9



D4819A



81A368



3BAA99



# Sweetspot

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



AB8DC9



F4E8FF



8DABC9



787180



000000



808080



# Same Dimension

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



AB8DC9



D1A3FF



C98DC9



5E5A63



5200A3



120024



# Inverse Universe

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



C98DAB



FFA3D1



8DC98D



635A5E



A30052

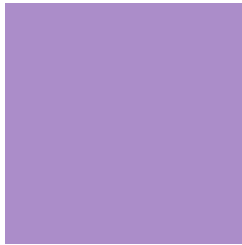


240012



# Previews

## White Background



This preview shows how the Hex color AB8DC9 looks on a white background.

## Color Contrast Check

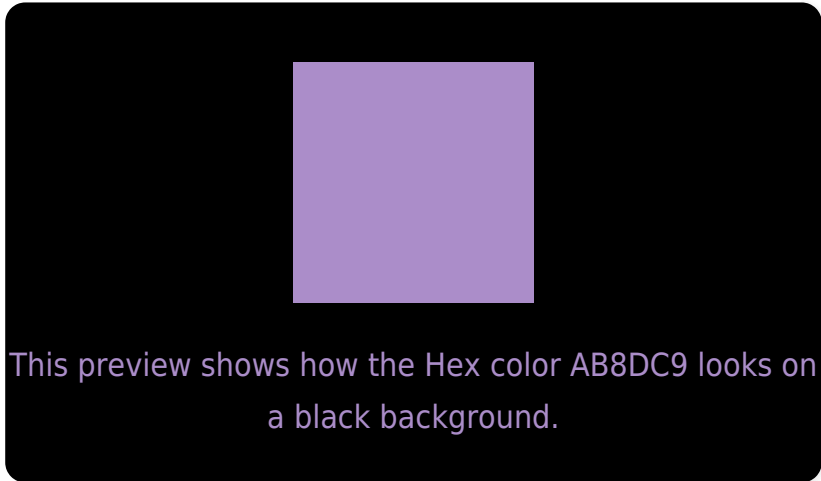
Large Text (above 18pt) WCAG AA × Fail

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

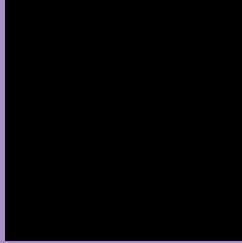
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AB8DC9 Background



This preview shows how black text looks on a background with the Hex color AB8DC9.

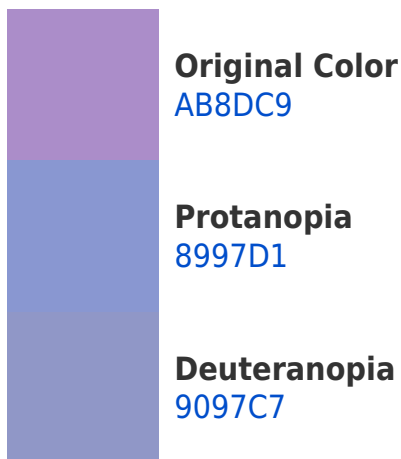


This preview shows how white text looks on a background with the Hex color AB8DC9.

# 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**  
A495A1

# Trichromacy



**Original Color**  
AB8DC9

**Protanomaly**  
9593CE

**Deuteranomaly**  
9A93C8

**Tritanomaly**  
A792B0

# Monochromacy



**Original Color**  
AB8DC9

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
A297AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB8DC9 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 #AB8DC9 looks like.

```
.text, #text, p{  
    color:#AB8DC9  
}
```

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 #AB8DC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB8DC9
}
```

## Border

The CSS property to change the border of an element to Hex AB8DC9 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
#AB8DC9 }
```

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

```
.border{ border-color:#AB8DC9 }
```

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

Here you see how a box with a 4 pixel #AB8DC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB8DC9; -webkit-box-shadow:4px 4px  
4px 4px #AB8DC9; box-shadow:4px 4px 4px  
4px #AB8DC9 }
```

# Background

The CSS property to change the background color of an element to Hex AB8DC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB8DC9 }
```

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

```
.background{ background-color:#AB8DC9 }
```

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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