

# Converting Colors

Hex(AB6182)

Have a look what the booklet for  
Hex(AB6182) contains.

<b>Hex(AB6182)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(AB6182)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB6182
RGB	171, 97, 130
RGB Percent	67%, 38%, 51%
CMY	0.3294, 0.6196, 0.4902
CMYK	0.00, 0.43, 0.24, 0.33
HSL	333°, 31%, 53%
HSV	333°, 43%, 67%
XYZ	25.0985, 18.8190, 23.4287
YIQ	122.8880, 33.5110, 25.9510

# Conversions

## Conversions Part 2

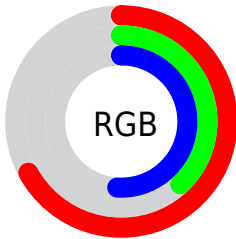
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 97, 130
Decimal	11231618
CIE <sub>Lab</sub>	50.47, 34.25, -5.23
CIE <sub>LCh</sub>	50, 34.648, 351.310
Yxy	18.8190, 0.3727, 0.2794
Android (android.graphics.Color)	4289421698 (0xFFAB6182)
YUV	122.8880, 3.5062, 42.1942
Hunter-Lab	43.3809, 27.3568, -1.6541

# Details

The Hex color **AB6182** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **61AB8A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **E495B7**, and **753051** is the 20% darker color. If you saturate the color by 10%, you get **AB5079**, and if you desaturate by 10%, it is **AB728B**.

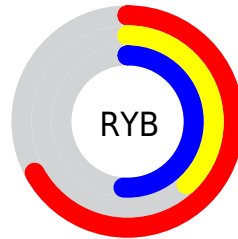
# Distribution



Red (67%)

Green (38%)

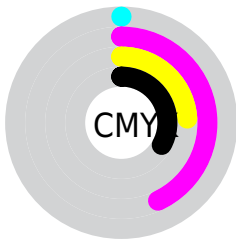
Blue (51%)



Red (67%)

Yellow (38%)

Blue (51%)

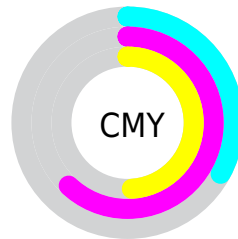


Cyan (0%)

Magenta (43%)

Yellow (24%)

Black (33%)



Cyan (33%)

Magenta (62%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB6182 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 AB6182 by changing the saturation by 10% instead.



 AB6182

 AB6182

FFFFFF

 904869

 E495B7

 753051

 FFB0D2

 5B173A

 FFCCEF

 410024

 FFE9FF

 2D000F

 000000

 AB6182

 AB6182

 AB5079

 AB728B

 AB3F6F

 AB8395

 AB2E66

 AB949E

 AB1D5C

 ABA5A8

 AB0B53

 ABB6B1

 AB004C

 ABC8BB

 ABD9C4

 ABEACE

 ABFBD7

# Harmonies

## Analogous

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



95699D



AB6182



B16164

# Triad

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



AB6182



757D40



0084A5

# Complementary

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



AB6182



61AB8A

# 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.



00878D



AB6182



538352

# Square

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



AB6182



92733D



24876E



357EB2

# Rectangle

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



AB6182



AC6653



24876E



00869E



# Sweetspot

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



AB6182



DEC1CE



8A61AB



705E66



F0F0F0



707070



# Same Dimension

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



AB6182



DE6A9E



AB6561



574E52



960043



17000A



# Inverse Universe

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



AB6182



DE6A9E



61A7AB



574E52



960043

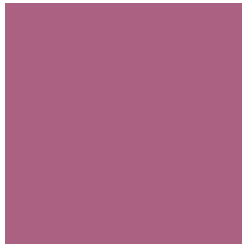


17000A



# Previews

## White Background



This preview shows how the Hex color AB6182 looks on a white background.

## Color Contrast Check

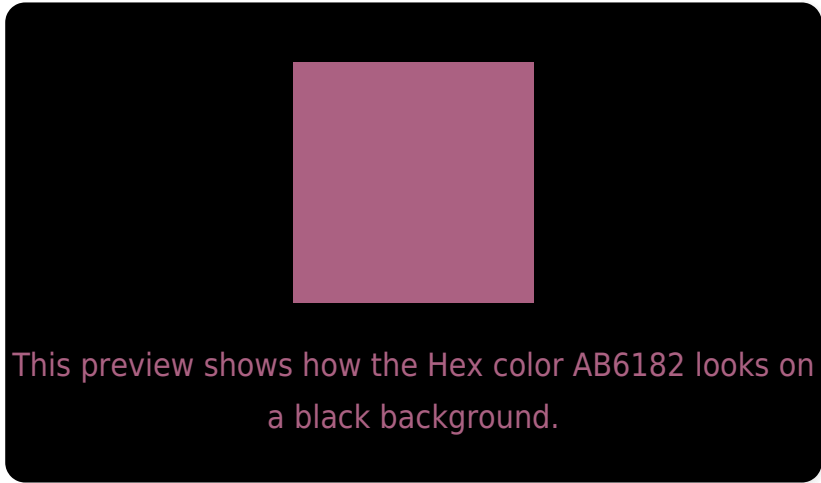
Large Text (above 18pt) WCAG AA ✓ Pass

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

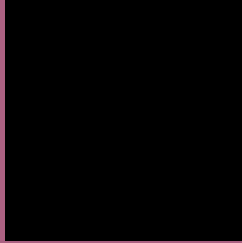
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB6182 Background



This preview shows how black text looks on a background with the Hex color AB6182.



This preview shows how white text looks on a background with the Hex color AB6182.

# 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



**Original Color**  
AB6182

**Protanopia**  
737890

**Deuteranopia**  
82757F



**Tritanopia**  
A9656D

# Trichromacy



**Original Color**  
AB6182

**Protanomaly**  
87708B

**Deuteranomaly**  
916E80

**Tritanomaly**  
AA6475

# Monochromacy



**Original Color**  
AB6182

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
8C727E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB6182 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 #AB6182 looks like.

```
.text, #text, p{  
    color:#AB6182  
}
```

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 #AB6182 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB6182
}
```

## Border

The CSS property to change the border of an element to Hex AB6182 is called "border". The border property can be set on classes, ids or directly on the HTML element.

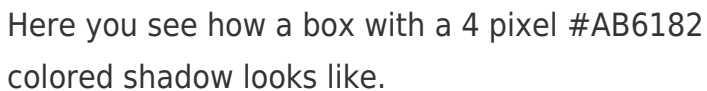
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB6182 }
```

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

```
.border{ border-color:#AB6182 }
```

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



Here you see how a box with a 4 pixel #AB6182 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB6182; -webkit-box-shadow:4px 4px  
4px 4px #AB6182; box-shadow:4px 4px 4px  
4px #AB6182 }
```

# Background

The CSS property to change the background color of an element to Hex AB6182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB6182 }
```

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

```
.background{ background-color:#AB6182 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor