

# Converting Colors

Hex(AB60A6)

Have a look what the booklet for  
Hex(AB60A6) contains.

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# Color

**Hex(AB60A6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB60A6
RGB	171, 96, 166
RGB Percent	67%, 38%, 65%
CMY	0.3294, 0.6235, 0.3490
CMYK	0.00, 0.44, 0.03, 0.33
HSL	304°, 31%, 52%
HSV	304°, 44%, 67%
XYZ	27.8604, 19.7768, 38.4253
YIQ	126.4050, 22.2300, 37.6700

# Conversions

## Conversions Part 2

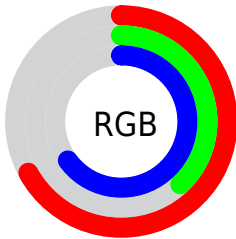
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 96, 166
Decimal	11231398
CIE <sub>Lab</sub>	51.58, 40.83, -24.81
CIE <sub>LCh</sub>	52, 47.776, 328.714
Yxy	19.7768, 0.3237, 0.2298
Android (android.graphics.Color)	4289421478 (0xFFAB60A6)
YUV	126.4050, 19.5203, 39.1098
Hunter-Lab	44.4712, 34.0025, -20.0997

# Details

The Hex color **AB60A6** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **60AB65**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **E495DD**, and **752E72** is the 20% darker color. If you saturate the color by 10%, you get **AB4FA5**, and if you desaturate by 10%, it is **AB71A7**.

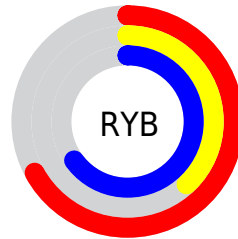
# Distribution



Red (67%)

Green (38%)

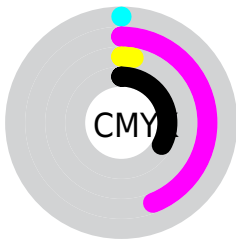
Blue (65%)



Red (67%)

Yellow (38%)

Blue (65%)

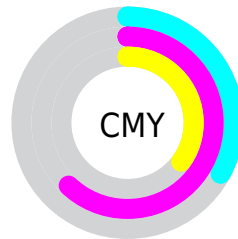


Cyan (0%)

Magenta (44%)

Yellow (3%)

Black (33%)



Cyan (33%)

Magenta (62%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB60A6 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 AB60A6 by changing the saturation by 10% instead.



 AB60A6

 AB60A6

FFFFFF

 90478B

 E495DD

 752E72

 FFB0FA

 5B1359

 FFCCFF

 420041

 FFE8FF

 2C002B

 000015

 000000

 AB60A6

 AB60A6

 AB4FA5

 AB71A7

 AB3EA4

 AB82A8

 AB2DA3

 AB93A9

 AB1CA1

 ABA4AB

 AB0BA0

 ABB5AC

 AB00A0

 ABC7AD

 ABD8AE

 ABE9AF

 ABFAB0

# Harmonies

## Analogous

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



7971C3



AB60A6



C3567E

# Triad

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



AB60A6



937823



008EA1

# Complementary

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



AB60A6



60AB65

# 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.



008F78



AB60A6



6A842E

# Square

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



AB60A6



B26935



318B4F



008AC0

# Rectangle

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



AB60A6



C65763



318B4F



008F94



# Sweetspot

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



AB60A6



DEC1DC



6560AB



705E6F



F0F0F0



707070



# Same Dimension

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



AB60A6



DE68D6



AB6081



574E56



96008C



170015



# Inverse Universe

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



AB60A6



DE68D6



60AB8A



574E56



96008C

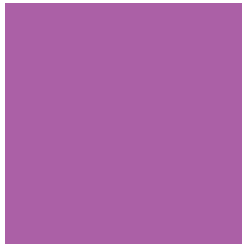


170015



# Previews

## White Background



This preview shows how the Hex color AB60A6 looks on a white background.

## Color Contrast Check

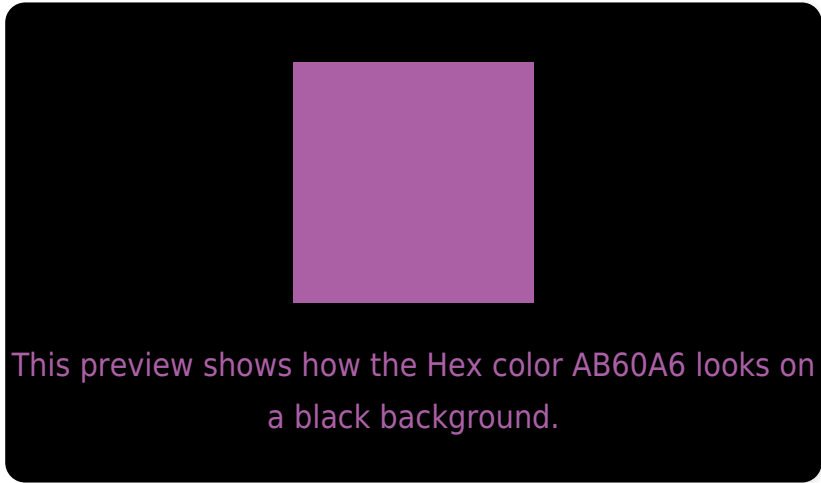
Large Text (above 18pt) WCAG AA ✓ Pass

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

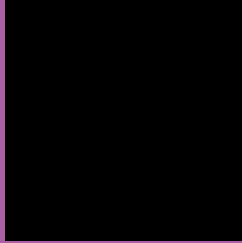
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB60A6 Background



This preview shows how black text looks on a background with the Hex color AB60A6.

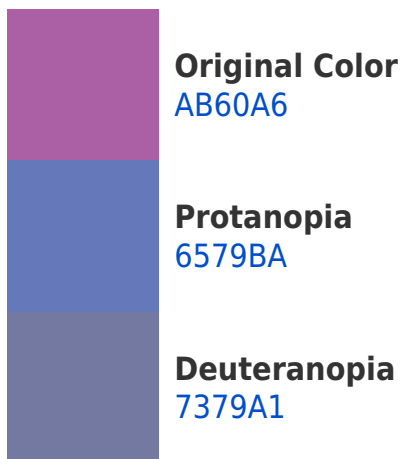



This preview shows how white text looks on a background with the Hex color AB60A6.

# 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



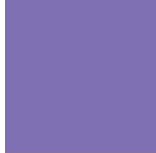


**Tritanopia**  
A56B73

# Trichromacy



**Original Color**  
AB60A6



**Protanomaly**  
7E70B3



**Deuteranomaly**  
8770A3



**Tritanomaly**  
A76786

# Monochromacy



**Original Color**  
AB60A6



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
8E738D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB60A6 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 #AB60A6 looks like.

```
.text, #text, p{  
    color:#AB60A6  
}
```

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 #AB60A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB60A6
}
```

## Border

The CSS property to change the border of an element to Hex AB60A6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

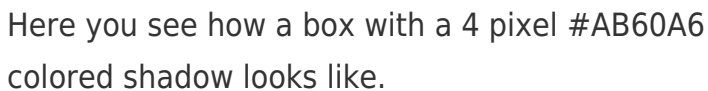
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB60A6 }
```

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

```
.border{ border-color:#AB60A6 }
```

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



Here you see how a box with a 4 pixel `#AB60A6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB60A6; -webkit-box-shadow:4px 4px  
4px 4px #AB60A6; box-shadow:4px 4px 4px  
4px #AB60A6 }
```

# Background

The CSS property to change the background color of an element to Hex AB60A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB60A6 }
```

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

```
.background{ background-color:#AB60A6 }
```

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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