

# Converting Colors

Hex(AB6793)

Have a look what the booklet for  
Hex(AB6793) contains.

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**Color**

**Hex(AB6793)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB6793
RGB	171, 103, 147
RGB Percent	67%, 40%, 58%
CMY	0.3294, 0.5961, 0.4235
CMYK	0.00, 0.40, 0.14, 0.33
HSL	321°, 29%, 54%
HSV	321°, 40%, 67%
XYZ	26.9113, 20.4650, 30.1355
YIQ	128.3480, 26.4040, 28.1000

# Conversions

## Conversions Part 2

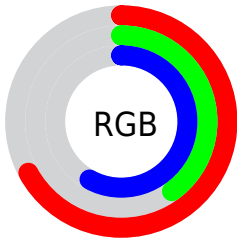
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 103, 147
Decimal	11233171
CIE <sub>Lab</sub>	52.36, 33.67, -12.48
CIE <sub>LCh</sub>	52, 35.910, 339.668
Yxy	20.4650, 0.3472, 0.2640
Android (android.graphics.Color)	4289423251 (0xFFAB6793)
YUV	128.3480, 9.1954, 37.4058
Hunter-Lab	45.2383, 27.0189, -7.8293

# Details

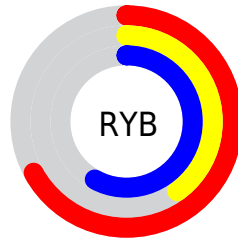
The Hex color **AB6793** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **67AB7F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **E39BC9**, and **753660** is the 20% darker color. If you saturate the color by 10%, you get **AB568D**, and if you desaturate by 10%, it is **AB7899**.

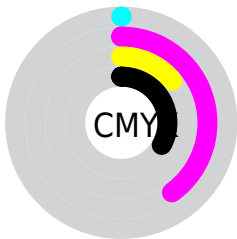
# Distribution



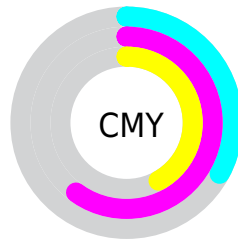
- Red (67%)
- Green (40%)
- Blue (58%)



- Red (67%)
- Yellow (40%)
- Blue (58%)



- Cyan (0%)
- Magenta (40%)
- Yellow (14%)
- Black (33%)



- Cyan (33%)
- Magenta (60%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB6793 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 AB6793 by changing the saturation by 10% instead.



 AB6793

 AB6793

FFFFFF

 904E79

 E39BC9

 753660

 FFB7E5

 5B1D49

 FFD3FF

 420332

 FFEFFF

 2C001D

 020000

 000000

 AB6793

 AB6793

 AB568D

 AB7899

 AB4587

 AB899F

 AB3481

 AB9AA5

 AB237B

 ABABAB

 AB1175

 ABBCB1

 AB006F

 ABCEB7

 ABDFBD

 ABF0C3

 ABFFC9

# Harmonies

## Analogous

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



8D71AC



AB6793



B86474

# Triad

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



AB6793



867E3F



008BA3

# Complementary

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



AB6793



67AB7F

# 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.



008D86



AB6793



65864C

# Square

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



AB6793



A17443



3B8B66



0A86B6

# Rectangle

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



AB6793



B66760



3B8B66



008C9A



# Sweetspot

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



AB6793



DEC3D4



7F67AB



70606B



F0F0F0



707070



# Same Dimension

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



AB6793



DE73B8



AB6771



574E54



960061



17000F



# Inverse Universe

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



AB6793



DE73B8



67ABA1



574E54



960061

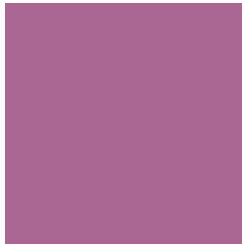


17000F



# Previews

## White Background



This preview shows how the Hex color AB6793 looks on a white background.

## Color Contrast Check

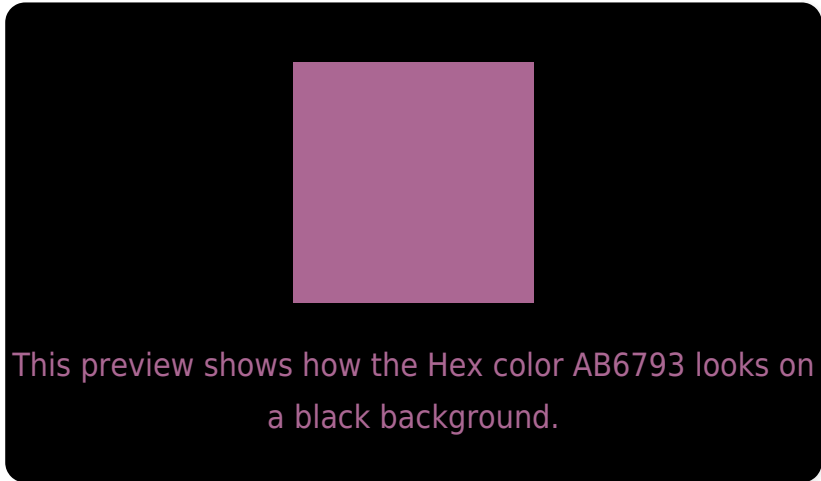
Large Text (above 18pt) WCAG AA ✓ Pass

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

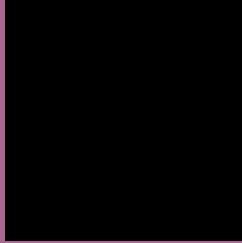
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex AB6793 Background



This preview shows how black text looks on a background with the Hex color AB6793.

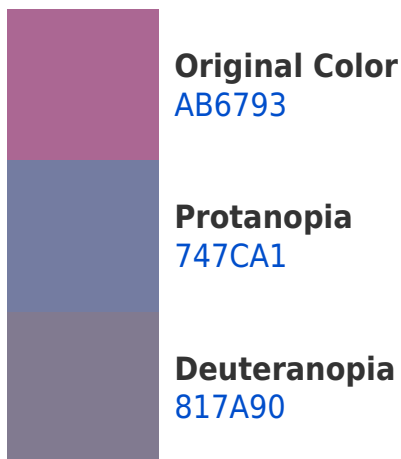



This preview shows how white text looks on a background with the Hex color AB6793.

# 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](#).

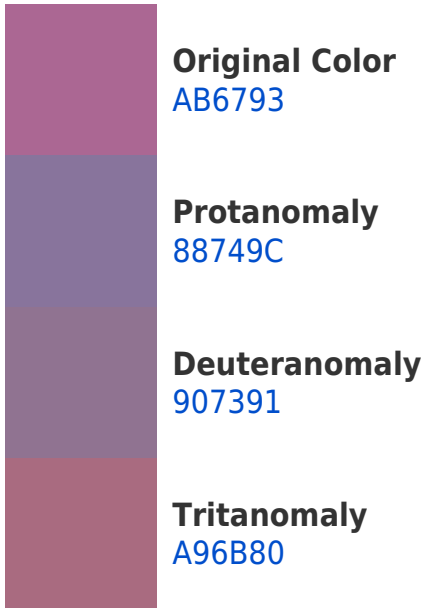
## Dichromacy





**Tritanopia**  
A86D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB6793 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 #AB6793 looks like.

```
.text, #text, p{  
    color:#AB6793  
}
```

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 #AB6793 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB6793
}
```

## Border

The CSS property to change the border of an element to Hex AB6793 is called "border". The border property can be set on classes, ids or directly on the HTML element.

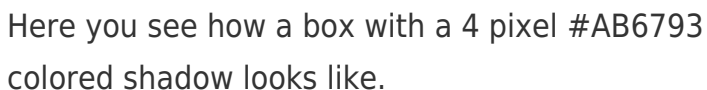
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB6793 }
```

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

```
.border{ border-color:#AB6793 }
```

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



Here you see how a box with a 4 pixel #AB6793 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB6793; -webkit-box-shadow:4px 4px  
4px 4px #AB6793; box-shadow:4px 4px 4px  
4px #AB6793 }
```

# Background

The CSS property to change the background color of an element to Hex AB6793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB6793 }
```

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

```
.background{ background-color:#AB6793 }
```

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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