

# Converting Colors

Hex(AB5992)

Have a look what the booklet for  
Hex(AB5992) contains.

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# Color

**Hex(AB5992)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB5992
RGB	171, 89, 146
RGB Percent	67%, 35%, 57%
CMY	0.3294, 0.6510, 0.4275
CMYK	0.00, 0.48, 0.15, 0.33
HSL	318°, 33%, 51%
HSV	318°, 48%, 67%
XYZ	25.5553, 17.8780, 29.2980
YIQ	120.0160, 30.5750, 35.1110

# Conversions

## Conversions Part 2

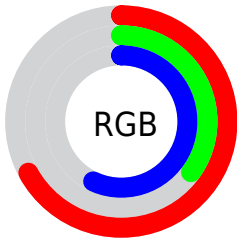
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 89, 146
Decimal	11229586
CIE <sub>Lab</sub>	49.35, 41.04, -16.45
CIE <sub>LCh</sub>	49, 44.216, 338.159
Yxy	17.8780, 0.3514, 0.2458
Android (android.graphics.Color)	4289419666 (0xFFAB5992)
YUV	120.0160, 12.8101, 44.7130
Hunter-Lab	42.2824, 33.8903, -11.4851

# Details

The Hex color **AB5992** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **59AB72**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **E48DC8**, and **75265F** is the 20% darker color. If you saturate the color by 10%, you get **AB488D**, and if you desaturate by 10%, it is **AB6A97**.

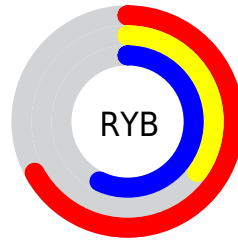
# Distribution



Red (67%)

Green (35%)

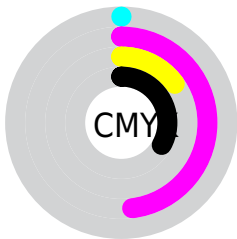
Blue (57%)



Red (67%)

Yellow (35%)

Blue (57%)

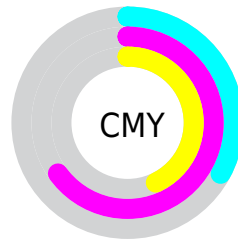


Cyan (0%)

Magenta (48%)

Yellow (15%)

Black (33%)



Cyan (33%)

Magenta (65%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB5992 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 AB5992 by changing the saturation by 10% instead.



 AB5992

 AB5992

FFFFFF

 8F4078

 E48DC8

 75265F

 FFA9E4

 5A0848

 FFC4FF

 410031

 FFE1FF

 2C001C

FFFEFF

 000000

 AB5992

 AB5992

 AB488D

 AB6A97

 AB3788

 AB7B9C

 AB2682

 AB8CA2

 AB157D

 AB9DA7

 AB0478

 ABAEAC

 AB0077

 ABC0B1

 ABD1B6

 ABE2BC

 ABF3C1

# Harmonies

## Analogous

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



8567B1



AB5992



BA546C

# Triad

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



AB5992



807726



0086A3

# Complementary

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



AB5992



59AB72

# 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.



00887F



AB5992



588037

# Square

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



AB5992



A0692E



168658



0081BA

# Rectangle

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



AB5992



B95854



168658



008798



# Sweetspot

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



AB5992



DEBFD4



7259AB



705D6A



F0F0F0



707070



# Same Dimension

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



AB5992



DE5DB7



AB5969



574E54



960069



170010



# Inverse Universe

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



AB5992



DE5DB7



59AB9B



574E54



960069

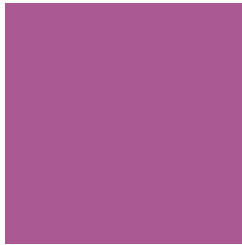


170010



# Previews

## White Background



This preview shows how the Hex color AB5992 looks on a white background.

## Color Contrast Check

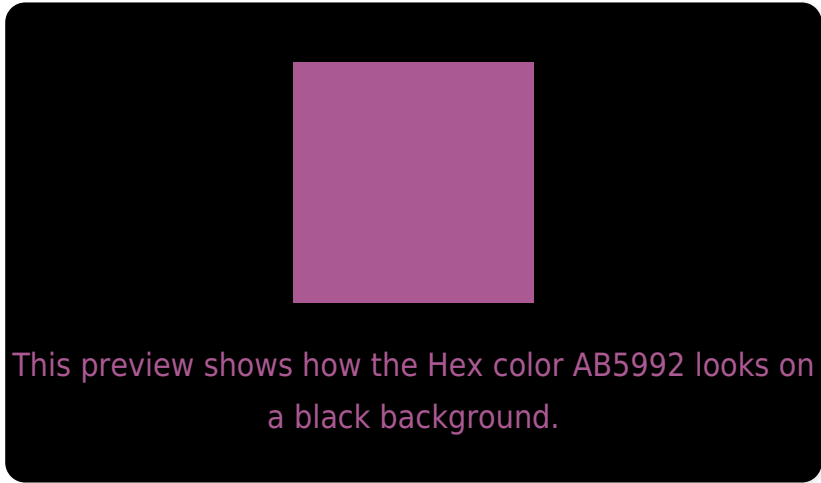
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 AB5992 Background



This preview shows how black text looks on a background with the Hex color AB5992.

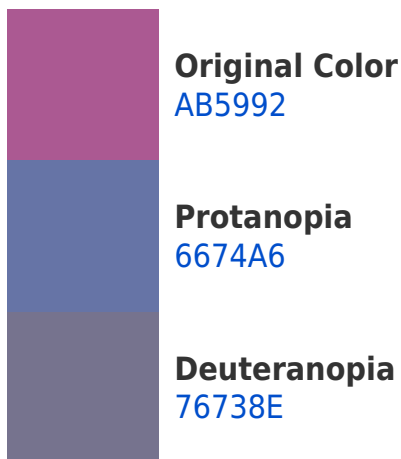


This preview shows how white text looks on a background with the Hex color AB5992.

# 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**  
A76269

# Trichromacy



**Original Color**  
AB5992

**Protanomaly**  
7F6A9F

**Deuteranomaly**  
896A8F

**Tritanomaly**  
A85F78

# Monochromacy



**Original Color**  
AB5992

**Achromatopsia**  
787878

**Achromatomaly**  
8B6D81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB5992 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 #AB5992 looks like.

```
.text, #text, p{  
    color:#AB5992  
}
```

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 #AB5992 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB5992
}
```

## Border

The CSS property to change the border of an element to Hex AB5992 is called "border". The border property can be set on classes, ids or directly on the HTML element.

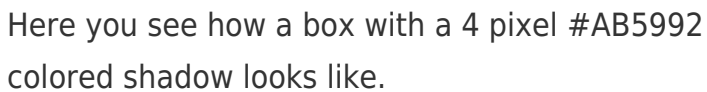
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB5992 }
```

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

```
.border{ border-color:#AB5992 }
```

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



Here you see how a box with a 4 pixel #AB5992 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB5992; -webkit-box-shadow:4px 4px  
4px 4px #AB5992; box-shadow:4px 4px 4px  
4px #AB5992 }
```

# Background

The CSS property to change the background color of an element to Hex AB5992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB5992 }
```

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

```
.background{ background-color:#AB5992 }
```

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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