

# Converting Colors

Hex(BA5899)

Have a look what the booklet for  
Hex(BA5899) contains.

<b>Hex(BA5899)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(BA5899)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA5899
RGB	186, 88, 153
RGB Percent	73%, 35%, 60%
CMY	0.2706, 0.6549, 0.4000
CMYK	0.00, 0.53, 0.18, 0.27
HSL	320°, 42%, 54%
HSV	320°, 53%, 73%
XYZ	29.4892, 19.7185, 32.3888
YIQ	124.7120, 37.5430, 40.9910

# Conversions

## Conversions Part 2

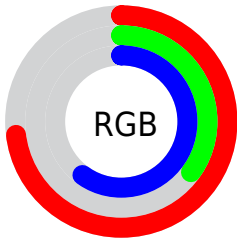
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 88, 153
Decimal	12212377
CIE <sub>Lab</sub>	51.52, 47.47, -17.10
CIE <sub>LCh</sub>	52, 50.452, 340.189
Yxy	19.7185, 0.3614, 0.2417
Android (android.graphics.Color)	4290402457 (0xFFBA5899)
YUV	124.7120, 13.9460, 53.7496
Hunter-Lab	44.4055, 40.8303, -12.1615

# Details

The Hex color **BA5899** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **58BA79**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **F48DCF**, and **822266** is the 20% darker color. If you saturate the color by 10%, you get **BA4593**, and if you desaturate by 10%, it is **BA6B9F**.

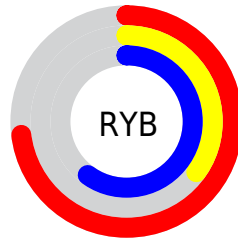
# Distribution



Red (73%)

Green (35%)

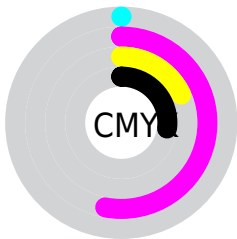
Blue (60%)



Red (73%)

Yellow (35%)

Blue (60%)

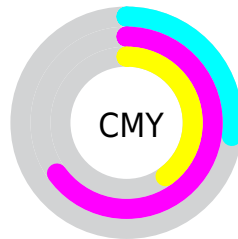


Cyan (0%)

Magenta (53%)

Yellow (18%)

Black (27%)



Cyan (27%)

Magenta (65%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA5899 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 BA5899 by changing the saturation by 10% instead.



 BA5899

 BA5899

FFFFFF

 9E3E7F

 F48DCF

 822266

 FFA9EC

 67004E

 FFC5FF

 4D0037

 FFE2FF

 350022

 160007

 000000

 BA5899

 BA5899

 BA4593

 BA6B9F

 BA338C

 BA7DA6

 BA2086

 BA90AC

 BA0E80

 BAA2B2

 BA007B

 BAB5B8

 BAC8BF

 BADAC5

 BAEDCB

 BAFFD1

# Harmonies

## Analogous

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



9069BD



BA5899



C9536E

# Triad

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



BA5899



847D1D



008EB1

# Complementary

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



BA5899



58BA79

# 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.



009089



BA5899



558835

# Square

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



BA5899



A96E26



008E5C



0087CC

# Rectangle

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



BA5899



C75852



008E5C



008FA5



# Sweetspot

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



BA5899



F2CBE5



7958BA



7A6373



FAFAFA



7A7A7A



# Same Dimension

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



BA5899



F25ABF



BA5868



5C5359



9C0067



1C0013



# Inverse Universe

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



BA5899



F25ABF



58BAAA



5C5359



9C0067



1C0013



# Previews

## White Background



This preview shows how the Hex color BA5899 looks on a white background.

## Color Contrast Check

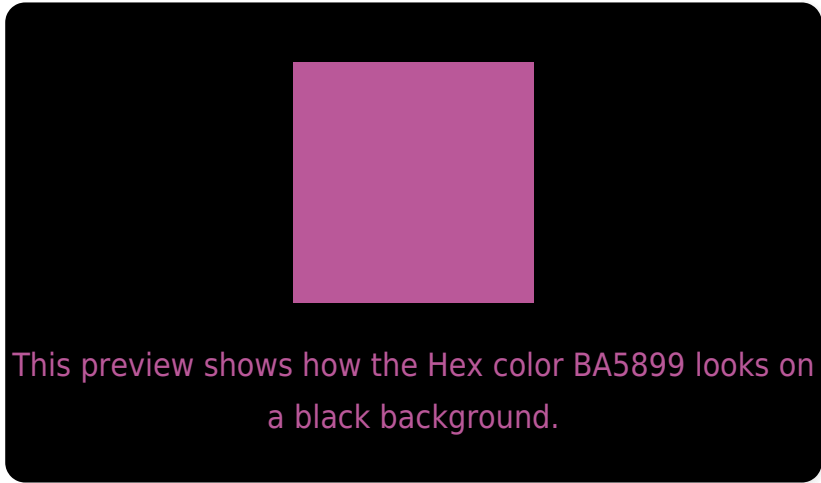
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA5899 Background



This preview shows how black text looks on a background with the Hex color BA5899.

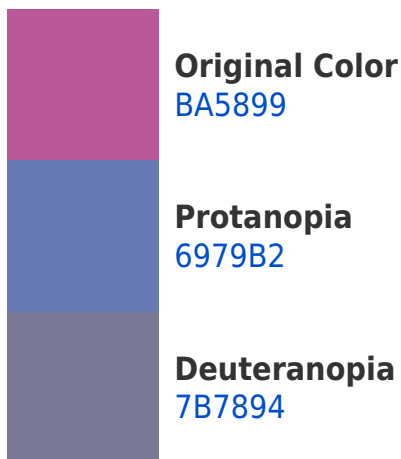



This preview shows how white text looks on a background with the Hex color BA5899.

# 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**  
B5626A

# Trichromacy



**Original Color**  
BA5899

**Protanomaly**  
866DA9

**Deuteranomaly**  
926C96

**Tritanomaly**  
B75E7B

# Monochromacy



**Original Color**  
BA5899

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
937087

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA5899 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 #BA5899 looks like.

```
.text, #text, p{  
    color:#BA5899  
}
```

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 #BA5899 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA5899
}
```

## Border

The CSS property to change the border of an element to Hex BA5899 is called "border". The border property can be set on classes, ids or directly on the HTML element.

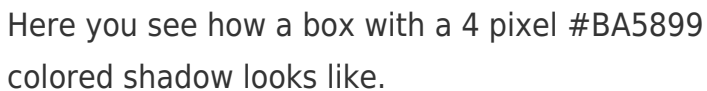
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA5899 }
```

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

```
.border{ border-color:#BA5899 }
```

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



Here you see how a box with a 4 pixel #BA5899 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA5899; -webkit-box-shadow:4px 4px  
4px 4px #BA5899; box-shadow:4px 4px 4px  
4px #BA5899 }
```

# Background

The CSS property to change the background color of an element to Hex BA5899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA5899 }
```

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

```
.background{ background-color:#BA5899 }
```

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