

# Converting Colors

Hex(BA4CAB)

Have a look what the booklet for  
Hex(BA4CAB) contains.

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# Color

Hex(BA4CAB)

# Conversions

## Conversions Part 1

Format	Color
Hex	BA4CAB
RGB	186, 76, 171
RGB Percent	73%, 30%, 67%
CMY	0.2706, 0.7020, 0.3294
CMYK	0.00, 0.59, 0.08, 0.27
HSL	308°, 44%, 51%
HSV	308°, 59%, 73%
XYZ	30.1848, 18.5483, 40.5173
YIQ	119.7200, 35.0650, 52.8650

# Conversions

## Conversions Part 2

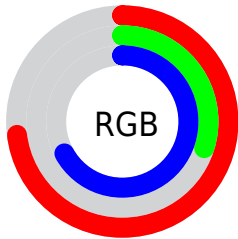
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 76, 171
Decimal	12209323
CIE <sub>Lab</sub>	50.15, 55.98, -29.80
CIE <sub>LCh</sub>	50, 63.417, 331.977
Yxy	18.5483, 0.3382, 0.2078
Android (android.graphics.Color)	4290399403 (0xFFBA4CAB)
YUV	119.7200, 25.2810, 58.1276
Hunter-Lab	43.0677, 49.7367, -25.6316

# Details

The Hex color **BA4CAB** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **4CBA5B**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **F483E3**, and **820B76** is the 20% darker color. If you saturate the color by 10%, you get **BA39A8**, and if you desaturate by 10%, it is **BA5FAE**.

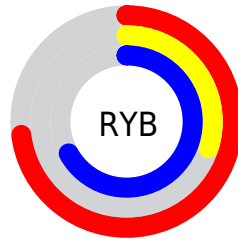
# Distribution



Red (73%)

Green (30%)

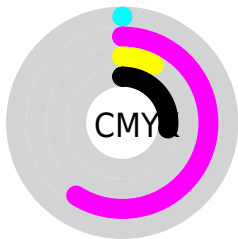
Blue (67%)



Red (73%)

Yellow (30%)

Blue (67%)

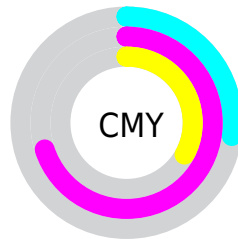


Cyan (0%)

Magenta (59%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (70%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA4CAB 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 BA4CAB by changing the saturation by 10% instead.



 BA4CAB

 BA4CAB

FFFFFF

 9E3090

 F483E3

 820B76

 FF9EFF

 67005D

 FFBBFF

 4C0045

 FFD7FF

 35002F

 FFF4FF

 120019

 000000

 BA4CAB

 BA4CAB

 BA39A8

 BA5FAE

 BA27A6

 BA71B0

 BA14A3

 BA84B3

 BA02A1

 BA96B5

 BA00A1

 BAA9B8

 BABCBA

 BACEBD

 BAE1BF

 BAF3C2

# Harmonies

## Analogous

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



7967D4



BA4CAB



D53B76

# Triad

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



BA4CAB



8D7600



008FAF

# Complementary

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



BA4CAB



4CBA5B

# 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.



008F79



BA4CAB



568401

# Square

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



BA4CAB



B7610C



008C41



008AD7

# Rectangle

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



BA4CAB



D54152



008C41



00909E



# Sweetspot

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



BA4CAB



F2C7EC



5B4CBA



7A5F77



FAFAFA



7A7A7A



# Same Dimension

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



BA4CAB



F246DB



BA4C74



5C535B



9C0086



1C0018



# Inverse Universe

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



BA4CAB



F246DB



4CBA92



5C535B



9C0086



1C0018



# Previews

## White Background



This preview shows how the Hex color BA4CAB looks on a white background.

## Color Contrast Check

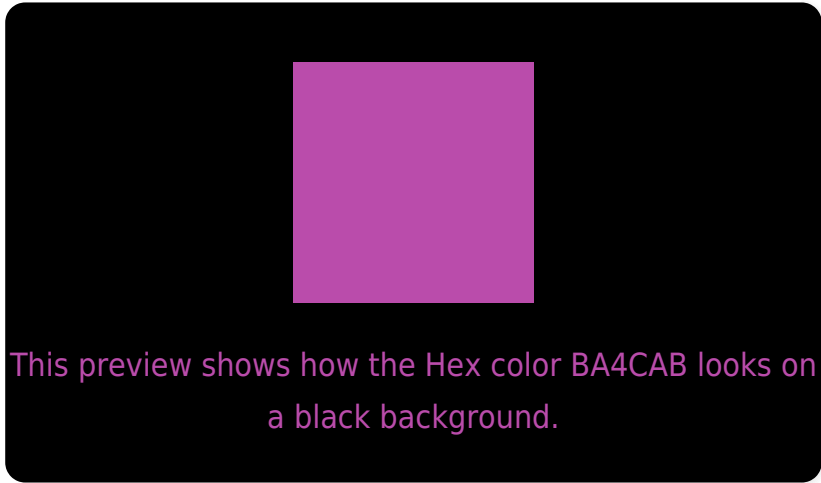
Large Text (above 18pt) WCAG AA ✓ Pass

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

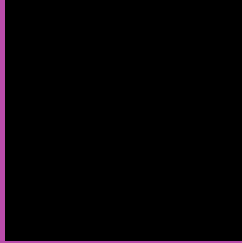
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BA4CAB Background



This preview shows how black text looks on a background with the Hex color BA4CAB.



This preview shows how white text looks on a background with the Hex color BA4CAB.

# 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](#).

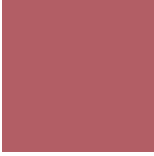
## Dichromacy



**Original Color**  
BA4CAB

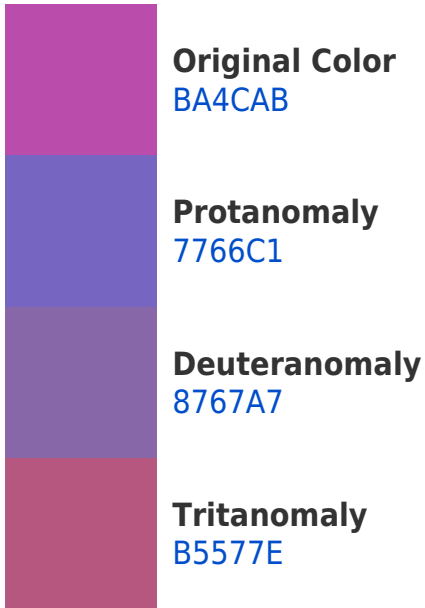
**Protanopia**  
5175CE

**Deuteranopia**  
6A76A4

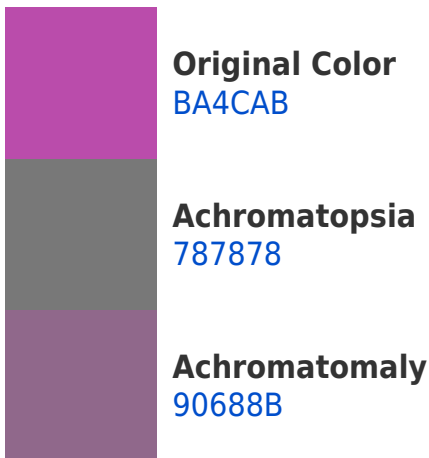


**Tritanopia**  
B25E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA4CAB 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 #BA4CAB looks like.

```
.text, #text, p{  
  color:#BA4CAB  
}
```

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 #BA4CAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA4CAB
}
```

## Border

The CSS property to change the border of an element to Hex BA4CAB 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
#BA4CAB }
```

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

```
.border{ border-color:#BA4CAB }
```

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

Here you see how a box with a 4 pixel #BA4CAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA4CAB; -webkit-box-shadow:4px 4px  
4px 4px #BA4CAB; box-shadow:4px 4px 4px  
4px #BA4CAB }
```

# Background

The CSS property to change the background color of an element to Hex BA4CAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA4CAB }
```

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

```
.background{ background-color:#BA4CAB }
```

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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