

# Converting Colors

Hex(BA4A87)

Have a look what the booklet for  
Hex(BA4A87) contains.

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# Color

**Hex(BA4A87)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA4A87
RGB	186, 74, 135
RGB Percent	73%, 29%, 53%
CMY	0.2706, 0.7098, 0.4706
CMYK	0.00, 0.60, 0.27, 0.27
HSL	327°, 45%, 51%
HSV	327°, 60%, 73%
XYZ	27.0717, 17.0859, 24.7928
YIQ	114.4420, 47.1710, 42.7150

# Conversions

## Conversions Part 2

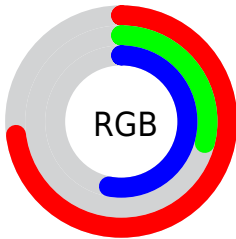
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 74, 135
Decimal	12208775
CIELab	48.37, 51.53, -11.15
CIELCh	48, 52.718, 347.790
Yxy	17.0859, 0.3926, 0.2478
Android (android.graphics.Color)	4290398855 (0xFFBA4A87)
YUV	114.4420, 10.1351, 62.7564
Hunter-Lab	41.3351, 44.5687, -6.6275

# Details

The Hex color **BA4A87** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **4ABA7D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **F580BC**, and **810B55** is the 20% darker color. If you saturate the color by 10%, you get **BA377F**, and if you desaturate by 10%, it is **BA5D8F**.

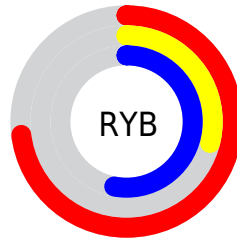
# Distribution



Red (73%)

Green (29%)

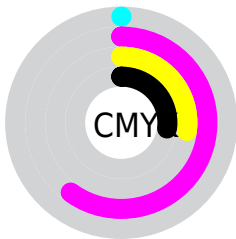
Blue (53%)



Red (73%)

Yellow (29%)

Blue (53%)

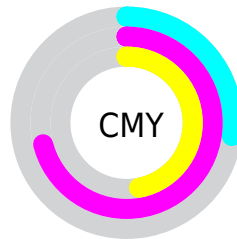


Cyan (0%)

Magenta (60%)

Yellow (27%)

Black (27%)



Cyan (27%)

Magenta (71%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA4A87 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 BA4A87 by changing the saturation by 10% instead.



 BA4A87

 BA4A87

FFFFFF

 9D2E6E

 F580BC

 810B55

 FF9CD8

 66003E

 FFB8F4

 4B0028

 FFD4FF

 330014

 FFF1FF

 040000

 000000

 BA4A87

 BA4A87

 BA377F

 BA5D8F

 BA2576

 BA6F98

 BA126E

 BA82A0

 BA0065

 BA94A9

 BAA7B1

 BABABA

 BACCC2

 BADFCB

 BAF1D3

# Harmonies

## Analogous

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



965BAF



BA4A87



C3495A

# Triad

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



BA4A87



707910



0085B4

# Complementary

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



BA4A87



4ABA7D

# 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.



00888D



BA4A87



3A8233

# Square

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



BA4A87



986A11



00875E



007DCA

# Rectangle

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



BA4A87



BC523F



00875E



0087A8



# Sweetspot

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



BA4A87



F2C7DE



7C4ABA



7A5F6E



FAFAFA



7A7A7A



# Same Dimension

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



BA4A87



F244A3



BA4A50



5C5358



9C0055



1C000F



# Inverse Universe

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



BA4A87



F244A3



4ABAB4



5C5358



9C0055



1C000F



# Previews

## White Background



This preview shows how the Hex color BA4A87 looks on a white background.

## Color Contrast Check

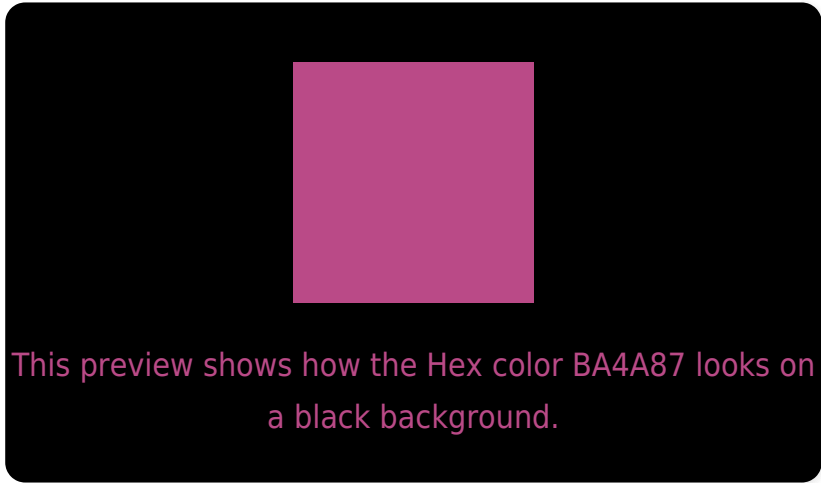
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex BA4A87 Background



This preview shows how black text looks on a background with the Hex color BA4A87.

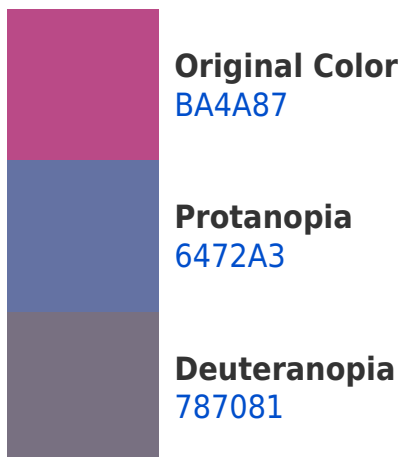



This preview shows how white text looks on a background with the Hex color BA4A87.

# 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**  
B6545A

# Trichromacy



**Original Color**  
BA4A87



**Protanomaly**  
836399



**Deuteranomaly**  
906283

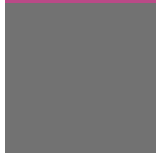


**Tritanomaly**  
B7506A

# Monochromacy



**Original Color**  
BA4A87



**Achromatopsia**  
727272



**Achromatomaly**  
8C637A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA4A87 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 #BA4A87 looks like.

```
.text, #text, p{  
  color:#BA4A87  
}
```

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 #BA4A87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA4A87
}
```

## Border

The CSS property to change the border of an element to Hex BA4A87 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
#BA4A87 }
```

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

```
.border{ border-color:#BA4A87 }
```

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

Here you see how a box with a 4 pixel #BA4A87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA4A87; -webkit-box-shadow:4px 4px  
4px 4px #BA4A87; box-shadow:4px 4px 4px  
4px #BA4A87 }
```

# Background

The CSS property to change the background color of an element to Hex BA4A87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA4A87 }
```

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

```
.background{ background-color:#BA4A87 }
```

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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