

# Converting Colors

Hex(BE4CA3)

Have a look what the booklet for  
Hex(BE4CA3) contains.

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# Color

Hex(BE4CA3)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE4CA3
RGB	190, 76, 163
RGB Percent	75%, 30%, 64%
CMY	0.2549, 0.7020, 0.3608
CMYK	0.00, 0.60, 0.14, 0.25
HSL	314°, 47%, 52%
HSV	314°, 60%, 75%
XYZ	30.4305, 18.7604, 36.6676
YIQ	120.0040, 40.0170, 51.2250

# Conversions

## Conversions Part 2

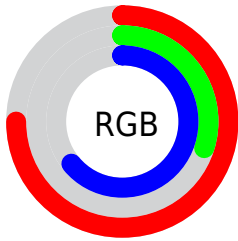
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 76, 163
Decimal	12471459
CIE <sub>Lab</sub>	50.41, 55.82, -24.65
CIE <sub>LCh</sub>	50, 61.023, 336.172
Yxy	18.7604, 0.3544, 0.2185
Android (android.graphics.Color)	4290661539 (0xFFBE4CA3)
YUV	120.0040, 21.1970, 61.3865
Hunter-Lab	43.3132, 49.6102, -19.8737

# Details

The Hex color **BE4CA3** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **4CBE67**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **F983DA**, and **850B6F** is the 20% darker color. If you saturate the color by 10%, you get **BE399E**, and if you desaturate by 10%, it is **BE5FA7**.

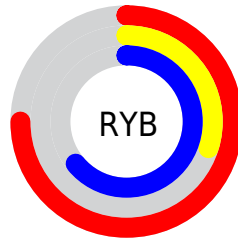
# Distribution



Red (75%)

Green (30%)

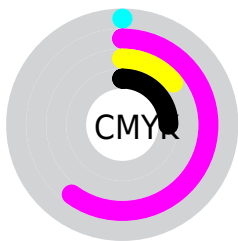
Blue (64%)



Red (75%)

Yellow (30%)

Blue (64%)

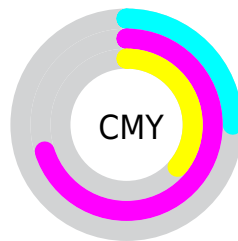


Cyan (0%)

Magenta (60%)

Yellow (14%)

Black (25%)



Cyan (25%)

Magenta (70%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE4CA3 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 BE4CA3 by changing the saturation by 10% instead.



 BE4CA3

 BE4CA3

FFFFFF

 A13089

 F983DA

 850B6F

 FF9FF7

 6A0056

 FFBBFF

 4F003F

 FFD8FF

 380029

 FFF5FF

 170012

 000000

 BE4CA3

 BE4CA3

 BE399E

 BE5FA7

 BE269A

 BE72AC

 BE1395

 BE85B1

 BE0091

 BE98B5

 BEABBA

 BEBEBE

 BED1C3

 BEE4C7

 BEF7CC

# Harmonies

## Analogous

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



8665CD



BE4CA3



D4406F

# Triad

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



BE4CA3



867900



008FB4

# Complementary

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



BE4CA3



4CBE67

# 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.



009082



BE4CA3



4F8617

# Square

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



BE4CA3



B1660B



008D4B



0088D7

# Rectangle

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



BE4CA3



D2474D



008D4B



008FA5



# Sweetspot

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



BE4CA3



F7CBED



674CBE



7D6176



FCFCFC



7D7D7D



# Same Dimension

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



BE4CA3



F745CD



BE4C6A



5E555C



9E0079



1F0017



# Inverse Universe

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



BE4CA3



F745CD



4CBEA0



5E555C



9E0079



1F0017



# Previews

## White Background



This preview shows how the Hex color BE4CA3 looks on a white background.

## Color Contrast Check

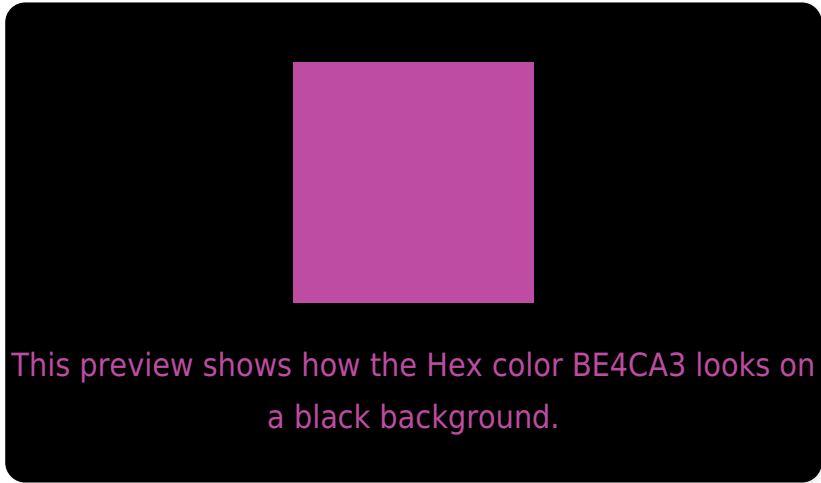
Large Text (above 18pt) WCAG AA ✓ Pass

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

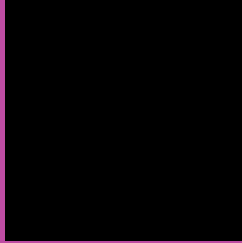
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BE4CA3 Background



This preview shows how black text looks on a background with the Hex color BE4CA3.

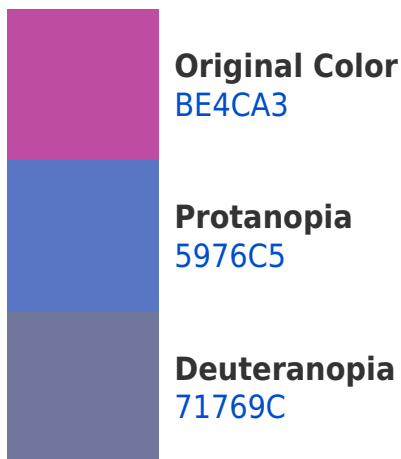



This preview shows how white text looks on a background with the Hex color BE4CA3.

# 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](#).

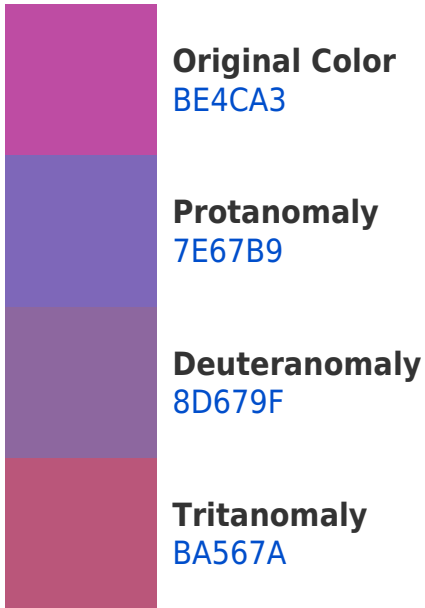
## Dichromacy



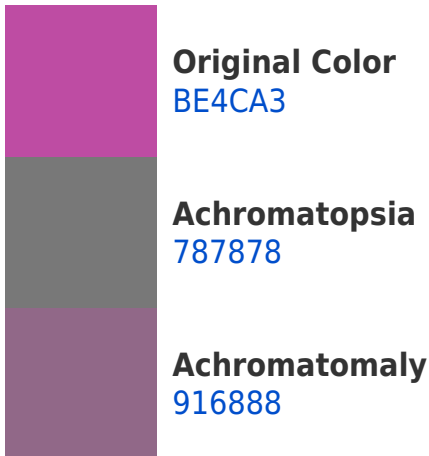


**Tritanopia**  
B85C63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE4CA3 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 #BE4CA3 looks like.

```
.text, #text, p{  
  color:#BE4CA3  
}
```

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 #BE4CA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE4CA3
}
```

## Border

The CSS property to change the border of an element to Hex BE4CA3 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
#BE4CA3 }
```

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

```
.border{ border-color:#BE4CA3 }
```

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

Here you see how a box with a 4 pixel #BE4CA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE4CA3; -webkit-box-shadow:4px 4px  
4px 4px #BE4CA3; box-shadow:4px 4px 4px  
4px #BE4CA3 }
```

# Background

The CSS property to change the background color of an element to Hex BE4CA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE4CA3 }
```

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

```
.background{ background-color:#BE4CA3 }
```

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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