

# Converting Colors

Hex(BE4C87)

Have a look what the booklet for  
Hex(BE4C87) contains.

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# Color

**Hex(BE4C87)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE4C87
RGB	190, 76, 135
RGB Percent	75%, 30%, 53%
CMY	0.2549, 0.7020, 0.4706
CMYK	0.00, 0.60, 0.29, 0.25
HSL	329°, 47%, 52%
HSV	329°, 60%, 75%
XYZ	28.1928, 17.8653, 24.8841
YIQ	116.8120, 49.0050, 42.5170

# Conversions

## Conversions Part 2

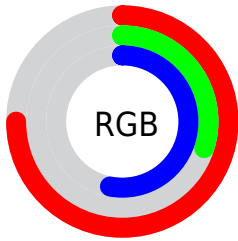
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 76, 135
Decimal	12471431
CIE <sub>Lab</sub>	49.33, 51.85, -9.64
CIE <sub>LCh</sub>	49, 52.738, 349.471
Yxy	17.8653, 0.3974, 0.2518
Android (android.graphics.Color)	4290661511 (0xFFBE4C87)
YUV	116.8120, 8.9667, 64.1859
Hunter-Lab	42.2674, 45.0937, -5.3187

# Details

The Hex color **BE4C87** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **4CBE83**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **F982BC**, and **850E55** is the 20% darker color. If you saturate the color by 10%, you get **BE397E**, and if you desaturate by 10%, it is **BE5F90**.

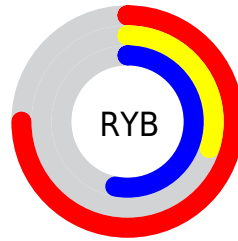
# Distribution



Red (75%)

Green (30%)

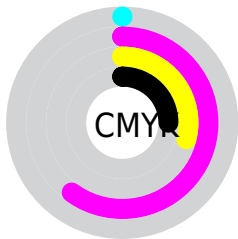
Blue (53%)



Red (75%)

Yellow (30%)

Blue (53%)

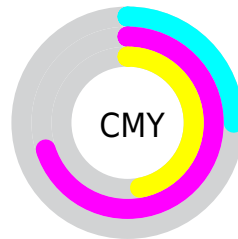


Cyan (0%)

Magenta (60%)

Yellow (29%)

Black (25%)



Cyan (25%)

Magenta (70%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE4C87 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 BE4C87 by changing the saturation by 10% instead.



 BE4C87

 BE4C87

FFFFFF

 A1306E

 F982BC

 850E55

 FF9ED8

 69003E

 FFBAF4

 4E0028

 FFD6FF

 360014

 FFF4FF

 0F0000

 000000

 BE4C87

 BE4C87

 BE397E

 BE5F90

 BE2675

 BE7299

 BE136B

 BE85A3

 BE0062

 BE98AC

 BEABB5

 BEBEBE

 BED1C7

 BEE4D0

 BEF7DA

# Harmonies

## Analogous

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



9C5CB0



BE4C87



C64C5A

# Triad

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



BE4C87



707C14



0087B9

# Complementary

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



BE4C87



4CBE83

# 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.



008A92



BE4C87



388537

# Square

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



BE4C87



996D13



008963



007FCD

# Rectangle

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



BE4C87



BE553F



008963



0089AD



# Sweetspot

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



BE4C87



F7CBE2



814CBE



7D6170



FCFCFC



7D7D7D



# Same Dimension

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



BE4C87



F745A1



BE4C50



5E555A



9E0052



1F0010



# Inverse Universe

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



BE4C87



F745A1



4CBEBA



5E555A



9E0052



1F0010



# Previews

## White Background



This preview shows how the Hex color BE4C87 looks on a white background.

## Color Contrast Check

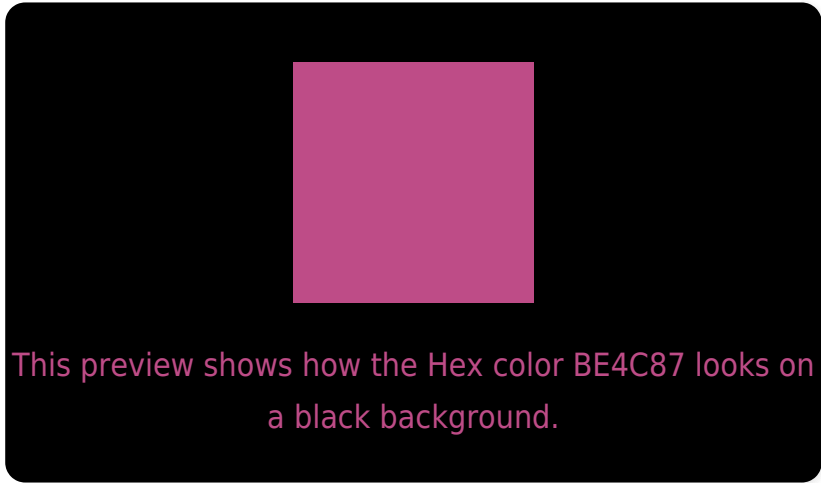
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE4C87 Background



This preview shows how black text looks on a background with the Hex color BE4C87.

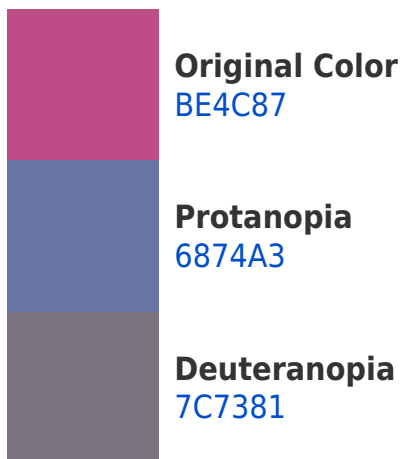


This preview shows how white text looks on a background with the Hex color BE4C87.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE4C87 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 #BE4C87 looks like.

```
.text, #text, p{  
    color:#BE4C87  
}
```

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 #BE4C87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE4C87
}
```

## Border

The CSS property to change the border of an element to Hex BE4C87 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
#BE4C87 }
```

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

```
.border{ border-color:#BE4C87 }
```

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

Here you see how a box with a 4 pixel #BE4C87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE4C87; -webkit-box-shadow:4px 4px  
4px 4px #BE4C87; box-shadow:4px 4px 4px  
4px #BE4C87 }
```

# Background

The CSS property to change the background color of an element to Hex BE4C87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE4C87 }
```

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

```
.background{ background-color:#BE4C87 }
```

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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