

# Converting Colors

Hex(BE4C8E)

Have a look what the booklet for  
Hex(BE4C8E) contains.

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# Color

Hex(BE4C8E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE4C8E
RGB	190, 76, 142
RGB Percent	75%, 30%, 56%
CMY	0.2549, 0.7020, 0.4431
CMYK	0.00, 0.60, 0.25, 0.25
HSL	325°, 47%, 52%
HSV	325°, 60%, 75%
XYZ	28.7021, 18.0690, 27.5661
YIQ	117.6100, 46.7580, 44.6940

# Conversions

## Conversions Part 2

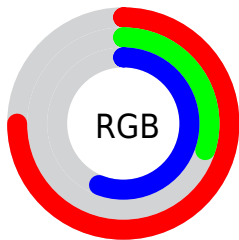
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 76, 142
Decimal	12471438
CIE <sub>Lab</sub>	49.58, 52.78, -13.45
CIE <sub>LCh</sub>	50, 54.467, 345.699
Yxy	18.0690, 0.3861, 0.2431
Android (android.graphics.Color)	4290661518 (0xFFBE4C8E)
YUV	117.6100, 12.0243, 63.4860
Hunter-Lab	42.5077, 46.1387, -8.6940

# Details

The Hex color **BE4C8E** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **4CBE7C**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **F982C4**, and **850D5C** is the 20% darker color. If you saturate the color by 10%, you get **BE3986**, and if you desaturate by 10%, it is **BE5F96**.

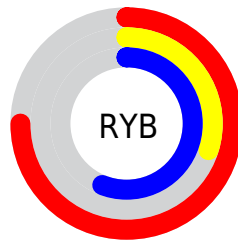
# Distribution



Red (75%)

Green (30%)

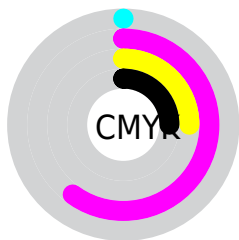
Blue (56%)



Red (75%)

Yellow (30%)

Blue (56%)

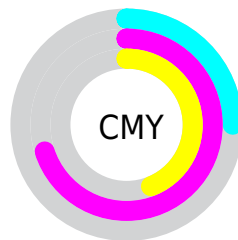


Cyan (0%)

Magenta (60%)

Yellow (25%)

Black (25%)



Cyan (25%)

Magenta (70%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE4C8E 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 BE4C8E by changing the saturation by 10% instead.



 BE4C8E

 BE4C8E

FFFFFF

 A13074

 F982C4

 850D5C

 FF9EE0

 6A0044

 FFBAFC

 4F002E

 FFD7FF

 37001A

 FFF4FF

 120000

 000000

 BE4C8E

 BE4C8E

 BE3986

 BE5F96

 BE267E

 BE729E

 BE1376

 BE85A6

 BE006E

 BE98AE

 BEABB6

 BEBEBE

 BED1C6

 BEE4CE

 BEF7D6

# Harmonies

## Analogous

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



975FB7



BE4C8E



C94960

# Triad

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



BE4C8E



767B0B



0089B7

# Complementary

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



BE4C8E



4CBE7C

# 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.



008C8E



BE4C8E



3F8530

# Square

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



BE4C8E



9F6C11



008A5D



0081D0

# Rectangle

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



BE4C8E



C35242



008A5D



008BAB



# Sweetspot

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



BE4C8E



F7CBE5



7C4CBE



7D6171



FCFCFC



7D7D7D



# Same Dimension

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



BE4C8E



F745AC



BE4C55



5E555A



9E005C



1F0012



# Inverse Universe

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



BE4C8E



F745AC



4CBEB5



5E555A



9E005C



1F0012



# Previews

## White Background



This preview shows how the Hex color BE4C8E looks on a white background.

## Color Contrast Check

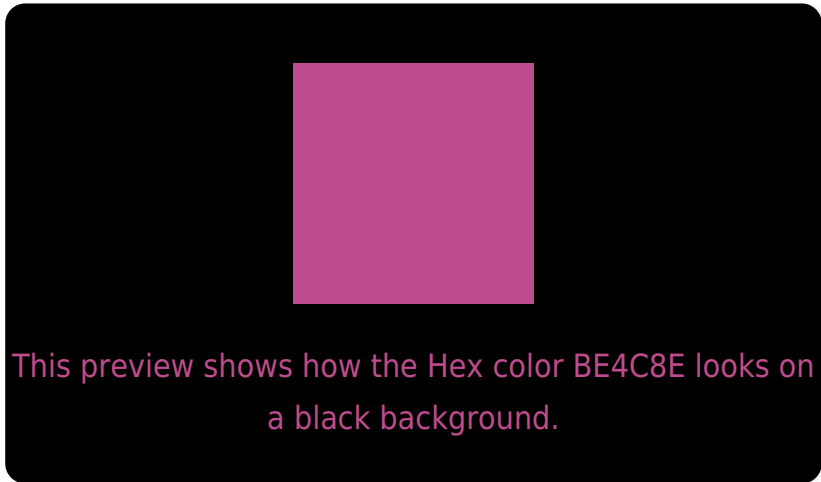
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE4C8E Background



This preview shows how black text looks on a background with the Hex color BE4C8E.

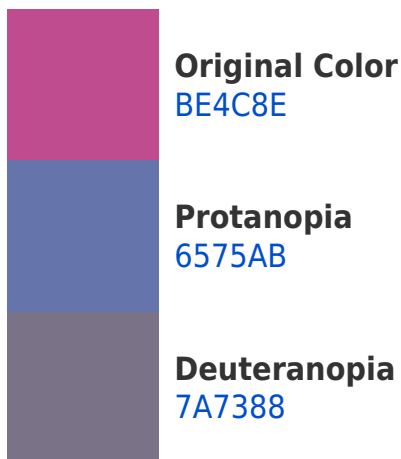


This preview shows how white text looks on a background with the Hex color BE4C8E.

# Color Blindness Simulation

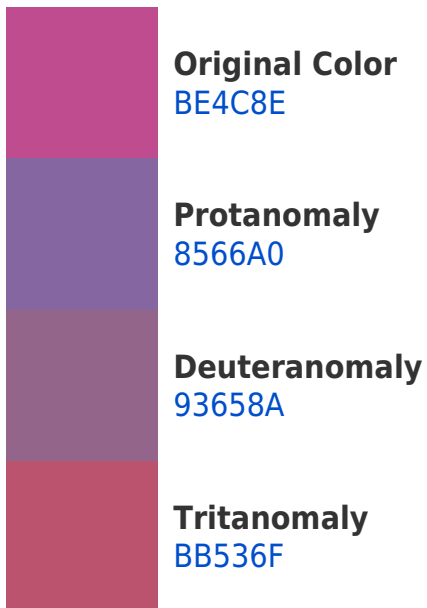
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

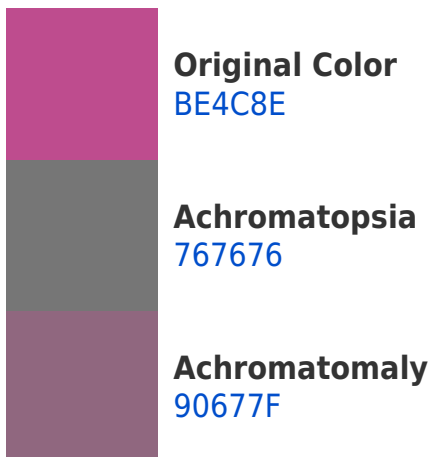




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE4C8E 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 #BE4C8E looks like.

```
.text, #text, p{  
    color:#BE4C8E  
}
```

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 #BE4C8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE4C8E
}
```

## Border

The CSS property to change the border of an element to Hex BE4C8E 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
#BE4C8E }
```

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

```
.border{ border-color:#BE4C8E }
```

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

Here you see how a box with a 4 pixel #BE4C8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE4C8E; -webkit-box-shadow:4px 4px  
4px 4px #BE4C8E; box-shadow:4px 4px 4px  
4px #BE4C8E }
```

# Background

The CSS property to change the background color of an element to Hex BE4C8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE4C8E }
```

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

```
.background{ background-color:#BE4C8E }
```

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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