

# Converting Colors

Hex(BE4A6C)

Have a look what the booklet for  
Hex(BE4A6C) contains.

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# Color

Hex(**BE4A6C**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE4A6C
RGB	190, 74, 108
RGB Percent	75%, 29%, 42%
CMY	0.2549, 0.7098, 0.5765
CMYK	0.00, 0.61, 0.43, 0.25
HSL	342°, 47%, 52%
HSV	342°, 61%, 75%
XYZ	26.3908, 16.9274, 16.0637
YIQ	112.5600, 58.2220, 35.1660

# Conversions

## Conversions Part 2

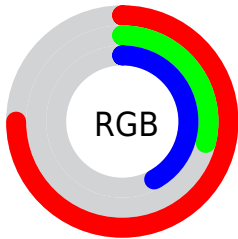
<b>Format</b>	<b>Color</b>
<b>RYB</b>	190, 74, 108
Decimal	12470892
CIELab	48.17, 49.60, 4.96
CIElCh	48, 49.852, 5.705
Yxy	16.9274, 0.4444, 0.2851
Android (android.graphics.Color)	4290660972 (0xFFBE4A6C)
YUV	112.5600, -2.2481, 67.9149
Hunter-Lab	41.1429, 42.4970, 5.6510

# Details

The Hex color **BE4A6C** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **4ABE9C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FA809F**, and **840C3D** is the 20% darker color. If you saturate the color by 10%, you get **BE375F**, and if you desaturate by 10%, it is **BE5D79**.

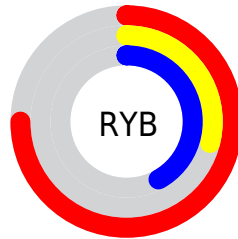
# Distribution



Red (75%)

Green (29%)

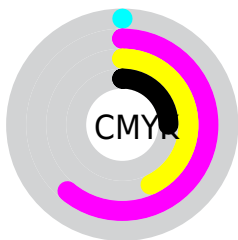
Blue (42%)



Red (75%)

Yellow (29%)

Blue (42%)

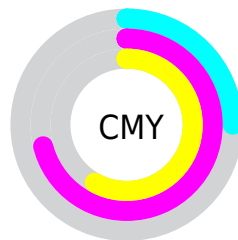


Cyan (0%)

Magenta (61%)

Yellow (43%)

Black (25%)



Cyan (25%)

Magenta (71%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE4A6C 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 BE4A6C by changing the saturation by 10% instead.



 BE4A6C

 BE4A6C

FFFFFF

 A12E54

 FA809F

 840C3D

 FF9BBA

 680027

 FFB7D6

 4C0013

 FFD4F2

 330002

 FFF1FF

 000000

 BE4A6C

 BE4A6C

 BE375F

 BE5D79

 BE2451

 BE7087

 BE1144

 BE8394

 BE0038

 BE96A2

 BEA9AF

 BEBCBD

 BECFCA

 BEE2D7

 BEF5E5

# Harmonies

## Analogous

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



AB5296



BE4A6C



BA5344

# Triad

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



BE4A6C



557E28



0080BF

# Complementary

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



BE4A6C



4ABE9C

# 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.



0085A2



BE4A6C



00844E

# Square

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



BE4A6C



817313



008679



1A75C6

# Rectangle

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



BE4A6C



AC5E2C



008679



0082B7



# Sweetspot

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



BE4A6C



F7CBD8



9B4ABE



7D616A



FCFCFC



7D7D7D



# Same Dimension

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



BE4A6C



F74378



BE614A



5E5558



9E002E



1F0009



# Inverse Universe

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



BE4A6C



F74378



4AA7BE



5E5558



9E002E



1F0009



# Previews

## White Background



This preview shows how the Hex color BE4A6C looks on a white background.

## Color Contrast Check

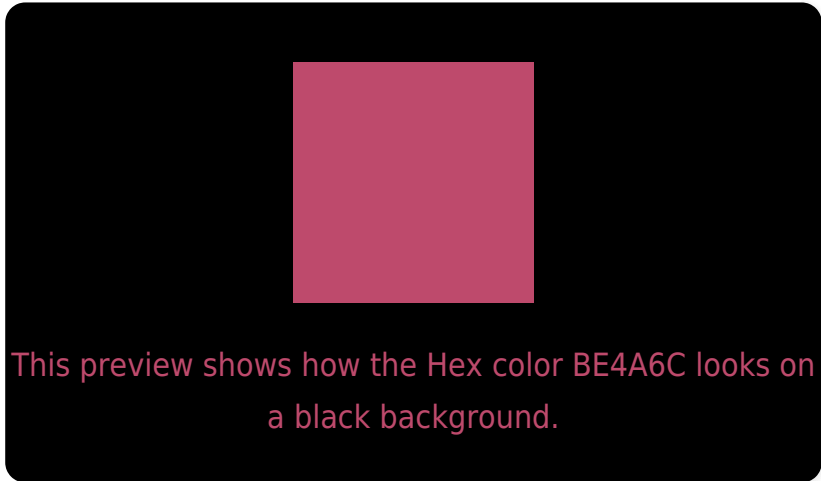
Large Text (above 18pt) WCAG AA ✓ Pass

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

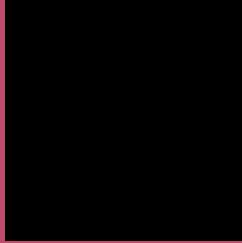
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex BE4A6C Background



This preview shows how black text looks on a background with the Hex color BE4A6C.

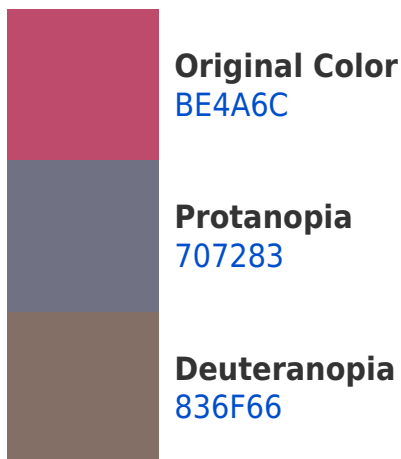


This preview shows how white text looks on a background with the Hex color BE4A6C.

# 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**  
BC4F54

# Trichromacy



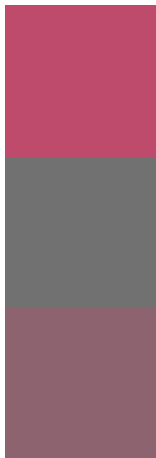
**Original Color**  
BE4A6C

**Protanomaly**  
8C637B

**Deuteranomaly**  
986268

**Tritanomaly**  
BD4D5D

# Monochromacy



**Original Color**  
BE4A6C

**Achromatopsia**  
717171

**Achromatomaly**  
8D636F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE4A6C 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 #BE4A6C looks like.

```
.text, #text, p{  
    color:#BE4A6C  
}
```

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 #BE4A6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE4A6C
}
```

## Border

The CSS property to change the border of an element to Hex BE4A6C is called "border". The border property can be set on classes, ids or directly on the HTML element.

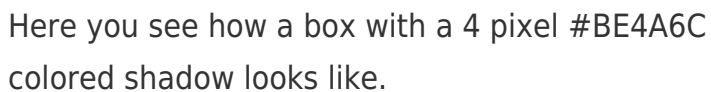
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE4A6C }
```

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

```
.border{ border-color:#BE4A6C }
```

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



Here you see how a box with a 4 pixel #BE4A6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE4A6C; -webkit-box-shadow:4px 4px  
4px 4px #BE4A6C; box-shadow:4px 4px 4px  
4px #BE4A6C }
```

# Background

The CSS property to change the background color of an element to Hex BE4A6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE4A6C }
```

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

```
.background{ background-color:#BE4A6C }
```

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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