

# Converting Colors

Hex(BE5B70)

Have a look what the booklet for  
Hex(BE5B70) contains.

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# Color

**Hex(BE5B70)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE5B70
RGB	190, 91, 112
RGB Percent	75%, 36%, 44%
CMY	0.2549, 0.6431, 0.5608
CMYK	0.00, 0.52, 0.41, 0.25
HSL	347°, 43%, 55%
HSV	347°, 52%, 75%
XYZ	27.9009, 19.5992, 17.6417
YIQ	122.9950, 52.2630, 27.5190

# Conversions

## Conversions Part 2

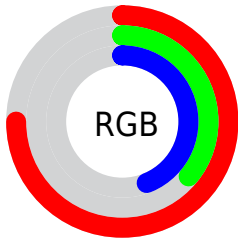
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 91, 112
Decimal	12475248
CIE <sub>Lab</sub>	51.38, 41.86, 7.14
CIE <sub>LCh</sub>	51, 42.469, 9.680
Yxy	19.5992, 0.4283, 0.3009
Android (android.graphics.Color)	4290665328 (0xFFBE5B70)
YUV	122.9950, -5.4205, 58.7634
Hunter-Lab	44.2710, 35.0220, 7.3630

# Details

The Hex color **BE5B70** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **5BBEA9**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **F990A4**, and **852740** is the 20% darker color. If you saturate the color by 10%, you get **BE4861**, and if you desaturate by 10%, it is **BE6E7F**.

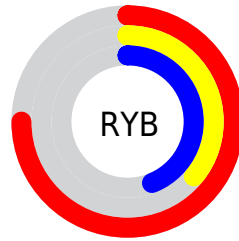
# Distribution



Red (75%)

Green (36%)

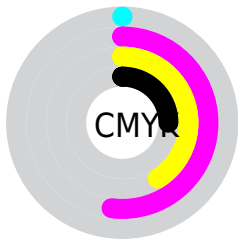
Blue (44%)



Red (75%)

Yellow (36%)

Blue (44%)

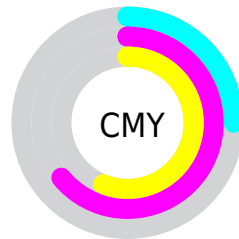


Cyan (0%)

Magenta (52%)

Yellow (41%)

Black (25%)



Cyan (25%)

Magenta (64%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE5B70 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 BE5B70 by changing the saturation by 10% instead.



 BE5B70

 BE5B70

FFFFFF

 A14158

 F990A4

 852740

 FFABBF

 69072B

 FFC7DA

 4E0016

 FFE4F7

 360001

 0C0000

 000000

 BE5B70

 BE5B70

 BE4861

 BE6E7F

 BE3552

 BE818E

 BE2243

 BE949D

 BE0F34

 BEA7AC

 BE0028

 BEBABB

 BECDCA

 BEE0D9

 BEF3E8

 BEFFF7

# Harmonies

## Analogous

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



B05F94



BE5B70



B8624E

# Triad

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



BE5B70



5D8540



0085BE

# Complementary

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



BE5B70



5BBEA9

# 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.



008BA8



BE5B70



228B60

# Square

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



BE5B70



847C2F



008D85



507AC2

# Rectangle

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



BE5B70



AC6B3C



008D85



0088B8



# Sweetspot

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



BE5B70



F7D0D8



A95BBE



7D656A



FCFCFC



7D7D7D



# Same Dimension

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



BE5B70



F75C7D



BE775B



5E5557



9E0022



1F0006



# Inverse Universe

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



BE5B70



F75C7D



5BA2BE



5E5557



9E0022

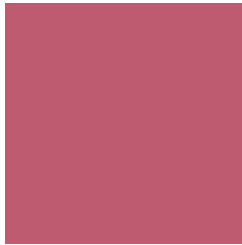


1F0006



# Previews

## White Background



This preview shows how the Hex color BE5B70 looks on a white background.

## Color Contrast Check

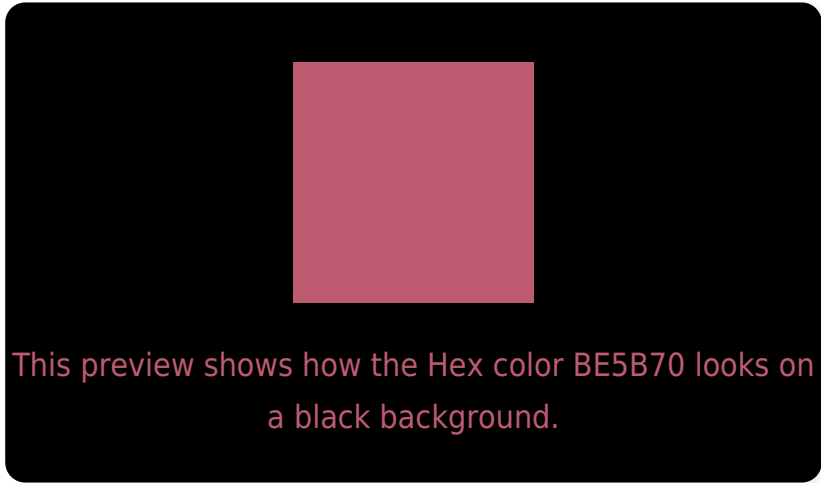
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE5B70 Background



This preview shows how black text looks on a background with the Hex color BE5B70.

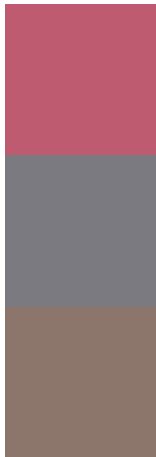


This preview shows how white text looks on a background with the Hex color BE5B70.

# 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



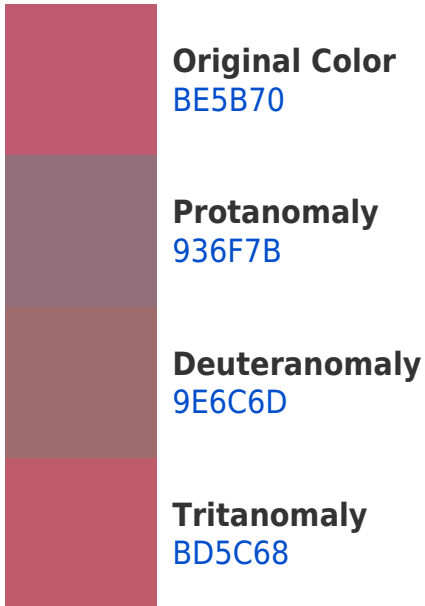
**Original Color**  
BE5B70

**Protanopia**  
7B7A81

**Deuteranopia**  
8C766C



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE5B70 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 #BE5B70 looks like.

```
.text, #text, p{  
    color:#BE5B70  
}
```

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 #BE5B70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE5B70
}
```

## Border

The CSS property to change the border of an element to Hex BE5B70 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
#BE5B70 }
```

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

```
.border{ border-color:#BE5B70 }
```

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

Here you see how a box with a 4 pixel #BE5B70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE5B70; -webkit-box-shadow:4px 4px  
4px 4px #BE5B70; box-shadow:4px 4px 4px  
4px #BE5B70 }
```

# Background

The CSS property to change the background color of an element to Hex BE5B70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE5B70 }
```

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

```
.background{ background-color:#BE5B70 }
```

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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