

# Converting Colors

Hex(BE3E62)

Have a look what the booklet for  
Hex(BE3E62) contains.

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# Color

Hex(**BE3E62**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BE3E62
RGB	190, 62, 98
RGB Percent	75%, 24%, 38%
CMY	0.2549, 0.7569, 0.6157
CMYK	0.00, 0.67, 0.48, 0.25
HSL	343°, 51%, 49%
HSV	343°, 67%, 75%
XYZ	25.1624, 15.2742, 13.1773
YIQ	104.3760, 64.7320, 38.3320

# Conversions

## Conversions Part 2

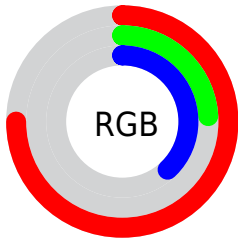
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 62, 98
Decimal	12467810
CIE <sub>Lab</sub>	46.01, 53.78, 7.98
CIE <sub>LCh</sub>	46, 54.367, 8.442
Yxy	15.2742, 0.4693, 0.2849
Android (android.graphics.Color)	4290657890 (0xFFBE3E62)
YUV	104.3760, -3.1434, 75.0922
Hunter-Lab	39.0823, 46.5301, 7.3669

# Details

The Hex color **BE3E62** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **3EBE9A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FA7594**, and **830034** is the 20% darker color. If you saturate the color by 10%, you get **BE2B54**, and if you desaturate by 10%, it is **BE5170**.

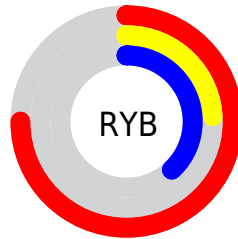
# Distribution



Red (75%)

Green (24%)

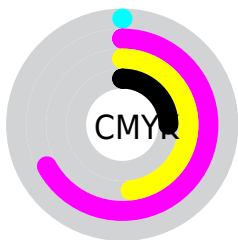
Blue (38%)



Red (75%)

Yellow (24%)

Blue (38%)

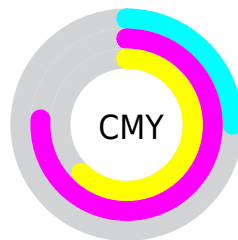


Cyan (0%)

Magenta (67%)

Yellow (48%)

Black (25%)



Cyan (25%)

Magenta (76%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE3E62 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 BE3E62 by changing the saturation by 10% instead.



 BE3E62

 BE3E62

FFFFFF

 A01F4A

 FA7594

 830034

 FF91AF

 67001F

 FFADCA

 4B0006

 FFC9E6

 2F0002

 FFE6FF

 000000

 BE3E62

 BE3E62

 BE2B54

 BE5170

 BE1847

 BE647D

 BE0539

 BE778B

 BE0035

 BE8A99

 BE9DA6

 BEB0B4

 BEC3C2

 BED6CF

 BEE9DD

# Harmonies

## Analogous

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



AD468F



BE3E62



B74B37

# Triad

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



BE3E62



467A1D



007BC2

# Complementary

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



BE3E62



3EBE9A

# 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.



0081A5



BE3E62



00804A

# Square

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



BE3E62



776F00



008279



006EC8

# Rectangle

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



BE3E62



A7581C



008279



007DBA



# Sweetspot

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



BE3E62



F7C6D4



9A3EBE



7D5F67



FCFCFC



7D7D7D



# Same Dimension

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



BE3E62



F72F67



BE5A3E



5E5558



9E002C



1F0009



# Inverse Universe

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



BE3E62



F72F67



3EA2BE



5E5558



9E002C



1F0009



# Previews

## White Background



This preview shows how the Hex color BE3E62 looks on a white background.

## Color Contrast Check

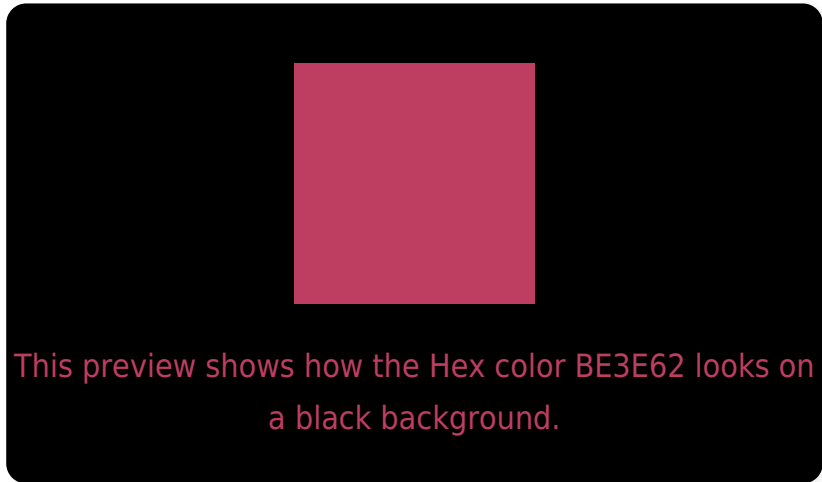
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE3E62 Background



This preview shows how black text looks on a background with the Hex color BE3E62.

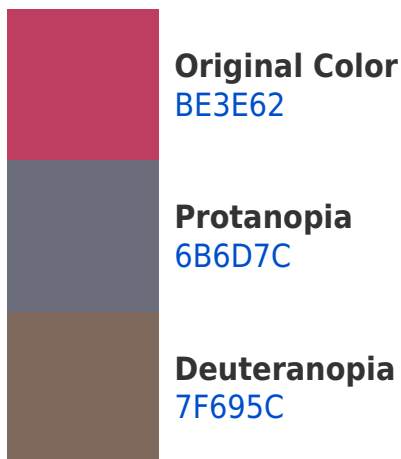


This preview shows how white text looks on a background with the Hex color BE3E62.

# 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



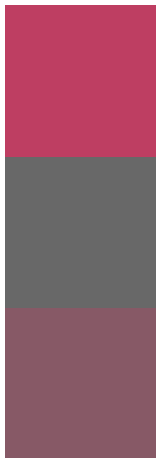
**Original Color**  
BE3E62

**Protanomaly**  
895C73

**Deuteranomaly**  
96595E

**Tritanomaly**  
BD4251

# Monochromacy



**Original Color**  
BE3E62

**Achromatopsia**  
686868

**Achromatomaly**  
875966

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE3E62 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 #BE3E62 looks like.

```
.text, #text, p{  
    color:#BE3E62  
}
```

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 #BE3E62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE3E62
}
```

## Border

The CSS property to change the border of an element to Hex BE3E62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

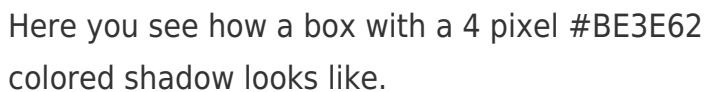
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE3E62 }
```

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

```
.border{ border-color:#BE3E62 }
```

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



Here you see how a box with a 4 pixel #BE3E62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE3E62; -webkit-box-shadow:4px 4px  
4px 4px #BE3E62; box-shadow:4px 4px 4px  
4px #BE3E62 }
```

# Background

The CSS property to change the background color of an element to Hex BE3E62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE3E62 }
```

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

```
.background{ background-color:#BE3E62 }
```

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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