

# Converting Colors

Hex(BE4764)

Have a look what the booklet for  
Hex(BE4764) contains.

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# Color

**Hex(BE4764)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE4764
RGB	190, 71, 100
RGB Percent	75%, 28%, 39%
CMY	0.2549, 0.7216, 0.6078
CMYK	0.00, 0.63, 0.47, 0.25
HSL	345°, 48%, 51%
HSV	345°, 63%, 75%
XYZ	25.7887, 16.3737, 13.8578
YIQ	109.8870, 61.6150, 34.2470

# Conversions

## Conversions Part 2

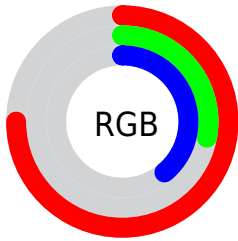
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 71, 100
Decimal	12470116
CIE <sub>Lab</sub>	47.46, 50.15, 8.81
CIE <sub>LCh</sub>	47, 50.923, 9.966
Yxy	16.3737, 0.4603, 0.2923
Android (android.graphics.Color)	4290660196 (0xFFBE4764)
YUV	109.8870, -4.8743, 70.2591
Hunter-Lab	40.4645, 42.9483, 8.0201

# Details

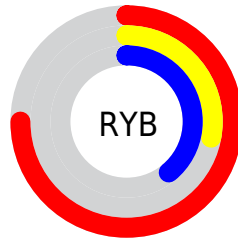
The Hex color **BE4764** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **47BEA1**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FA7D97**, and **840536** is the 20% darker color. If you saturate the color by 10%, you get **BE3456**, and if you desaturate by 10%, it is **BE5A72**.

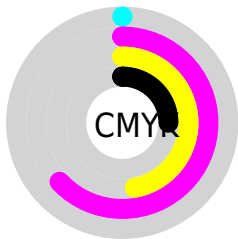
# Distribution



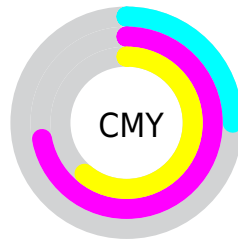
- Red (75%)
- Green (28%)
- Blue (39%)



- Red (75%)
- Yellow (28%)
- Blue (39%)



- Cyan (0%)
- Magenta (63%)
- Yellow (47%)
- Black (25%)



- Cyan (25%)
- Magenta (72%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE4764 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 BE4764 by changing the saturation by 10% instead.



 BE4764

 BE4764

FFFFFF

 A12B4C

 FA7D97

 840536

 FF98B1

 670021

 FFB4CD

 4B0009

 FFD1E9

 310002

 FFE0FF

 000000

 BE4764

 BE4764

 BE3456

 BE5A72

 BE2147

 BE6D81

 BE0E39

 BE808F

 BE002E

 BE939D

 BEA6AC

 BEB9BA

 BECCC9

 BEDFD7

 BEF2E5

# Harmonies

## Analogous

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



AF4D8F



BE4764



B6523C

# Triad

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



BE4764



4A7D2A



007DC1

# Complementary

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



BE4764



47BEA1

# 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.



0083A7



BE4764



008352

# Square

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



BE4764



79730E



00857E



2E71C5

# Rectangle

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



BE4764



A75E24



00857E



0080BA



# Sweetspot

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



BE4764



F7C8D4



A047BE



7D6067



FCFCFC



7D7D7D



# Same Dimension

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



BE4764



F73E6B



BE6547



5E5557



9E0027



1F0007



# Inverse Universe

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



BE4764



F73E6B



47A0BE



5E5557



9E0027



1F0007



# Previews

## White Background



This preview shows how the Hex color BE4764 looks on a white background.

## Color Contrast Check

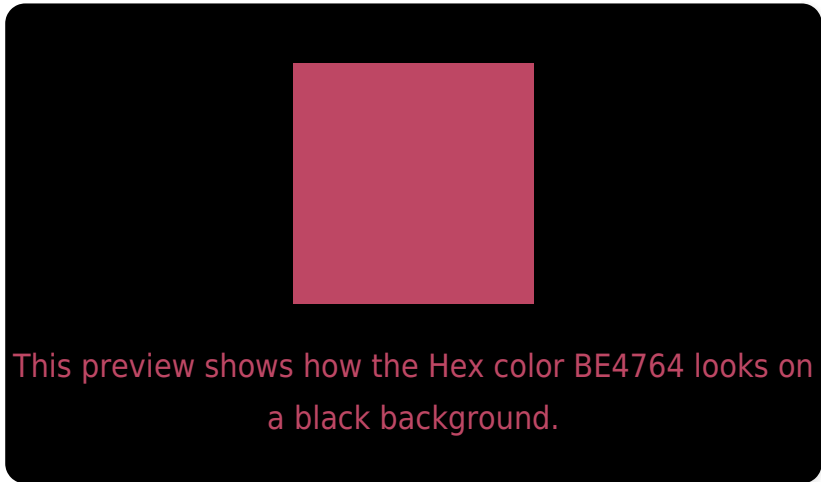
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE4764 Background



This preview shows how black text looks on a background with the Hex color BE4764.



This preview shows how white text looks on a background with the Hex color BE4764.

# 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**  
BD4B50

# Trichromacy



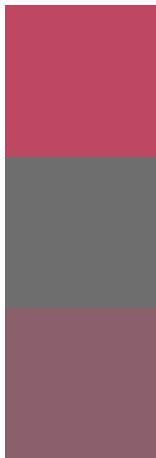
**Original Color**  
BE4764

**Protanomaly**  
8D6273

**Deuteranomaly**  
985F60

**Tritanomaly**  
BD4A57

# Monochromacy



**Original Color**  
BE4764

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
8B606A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE4764 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 #BE4764 looks like.

```
.text, #text, p{  
    color:#BE4764  
}
```

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 #BE4764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE4764
}
```

## Border

The CSS property to change the border of an element to Hex BE4764 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
#BE4764 }
```

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

```
.border{ border-color:#BE4764 }
```

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

Here you see how a box with a 4 pixel #BE4764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE4764; -webkit-box-shadow:4px 4px  
4px 4px #BE4764; box-shadow:4px 4px 4px  
4px #BE4764 }
```

# Background

The CSS property to change the background color of an element to Hex BE4764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE4764 }
```

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

```
.background{ background-color:#BE4764 }
```

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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