

# Converting Colors

Hex(B4373E)

Have a look what the booklet for  
Hex(B4373E) contains.

<b>Hex(B4373E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B4373E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4373E
RGB	180, 55, 62
RGB Percent	71%, 22%, 24%
CMY	0.2941, 0.7843, 0.7569
CMYK	0.00, 0.69, 0.66, 0.29
HSL	357°, 53%, 46%
HSV	357°, 69%, 71%
XYZ	21.0581, 12.7835, 5.9150
YIQ	93.1730, 72.2530, 28.6770

# Conversions

## Conversions Part 2

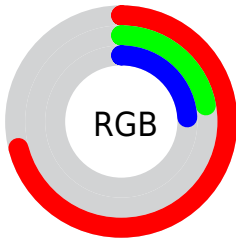
Format	Color
R <sub>Y</sub> B	180, 55, 62
Decimal	11810622
CIE Lab	42.44, 50.67, 25.00
CIE LCh	42, 56.507, 26.263
Yxy	12.7835, 0.5297, 0.3215
Android (android.graphics.Color)	4290000702 (0xFFB4373E)
YUV	93.1730, -15.3683, 76.1473
Hunter-Lab	35.7540, 42.5619, 15.2191

# Details

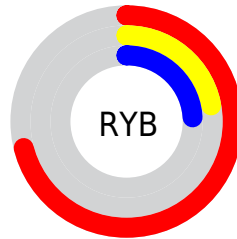
The Hex color **B4373E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **37B4AD**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **F16E6E**, and **780014** is the 20% darker color. If you saturate the color by 10%, you get **B4252D**, and if you desaturate by 10%, it is **B4494F**.

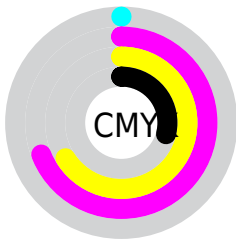
# Distribution



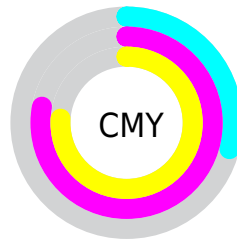
- Red (71%)
- Green (22%)
- Blue (24%)



- Red (71%)
- Yellow (22%)
- Blue (24%)



- Cyan (0%)
- Magenta (69%)
- Yellow (66%)
- Black (29%)



- Cyan (29%)
- Magenta (78%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4373E 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 B4373E by changing the saturation by 10% instead.



 B4373E

 B4373E

FFFFFF

 961828

 F16E6E

 780014

 FF8987

 5B0000

 FFA5A1

 3F0001

 FFC1BC

 200001

 FFDED8

 000000

 FFFBF4

 B4373E

 B4373E

 B4252D

 B4494F

 B4131C

 B45B60

 B4010B

 B46D71

 B4000A

 B47F82

 B49193

 B4A3A4

 B4B5B5

 B4C7C6

 B4D9D7

# Harmonies

## Analogous

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



B3316C



B4373E



A04C12

# Triad

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



B4373E



00752C



006CC2

# Complementary

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



B4373E



37B4AD

# 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.



0075B1



B4373E



00795D

# Square

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



B4373E



516E00



00798C



555AB9

# Rectangle

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



B4373E



8B5A00



00798C



0070BF



# Sweetspot

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



B4373E



EBB9BC



AC37B4



75585A



F5F5F5



757575



# Same Dimension

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



B4373E



EB2833



B46D37



595051



990009



1A0001



# Inverse Universe

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



B4373E



EB2833



377EB4



595051



990009



1A0001



# Previews

## White Background



This preview shows how the Hex color B4373E looks on a white background.

## Color Contrast Check

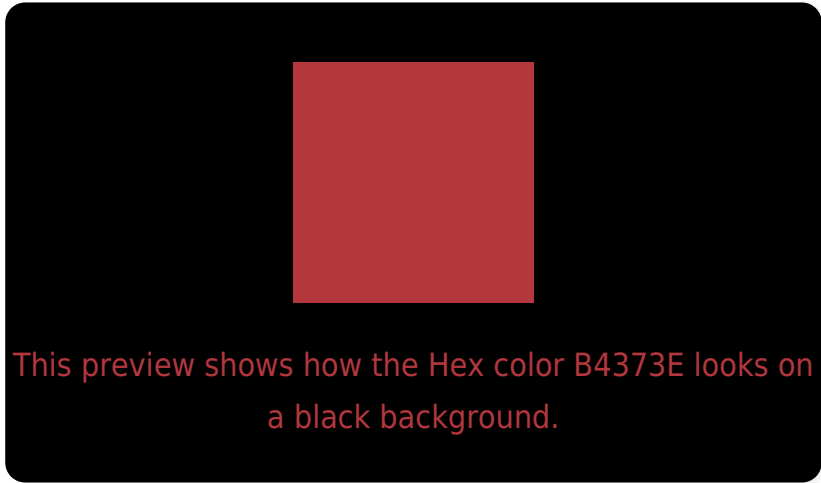
Large Text (above 18pt) WCAG AA ✓ Pass

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 B4373E Background



This preview shows how black text looks on a background with the Hex color B4373E.

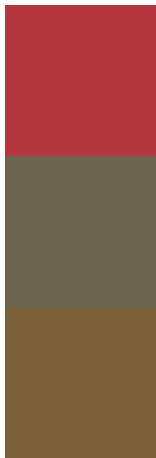


This preview shows how white text looks on a background with the Hex color B4373E.

# 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**  
B4373E

**Protanopia**  
6B6550

**Deuteranopia**  
7C6037



**Tritanopia**  
B4383A

# Trichromacy



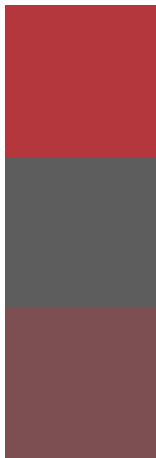
**Original Color**  
B4373E

**Protanomaly**  
865449

**Deuteranomaly**  
90513A

**Tritanomaly**  
B4383B

# Monochromacy



**Original Color**  
B4373E

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
7D4F52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4373E 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 #B4373E looks like.

```
.text, #text, p{  
    color:#B4373E  
}
```

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 #B4373E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4373E
}
```

## Border

The CSS property to change the border of an element to Hex B4373E is called "border". The border property can be set on classes, ids or directly on the HTML element.

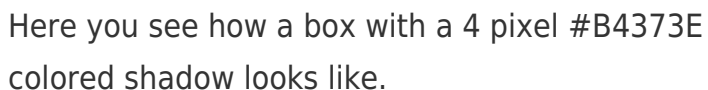
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B4373E }
```

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

```
.border{ border-color:#B4373E }
```

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



Here you see how a box with a 4 pixel #B4373E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4373E; -webkit-box-shadow:4px 4px  
4px 4px #B4373E; box-shadow:4px 4px 4px  
4px #B4373E }
```

# Background

The CSS property to change the background color of an element to Hex B4373E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4373E }
```

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

```
.background{ background-color:#B4373E }
```

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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