

# Converting Colors

Hex(BA475E)

Have a look what the booklet for  
Hex(BA475E) contains.

|  |    |
|--|----|
| <b>Hex(BA475E)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Hex(BA475E)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | BA475E                     |
| RGB           | 186, 71, 94                |
| RGB Percent   | 73%, 28%, 37%              |
| CMY           | 0.2706, 0.7216, 0.6314     |
| CMYK          | 0.00, 0.62, 0.49, 0.27     |
| HSL           | 348°, 45%, 50%             |
| HSV           | 348°, 62%, 73%             |
| XYZ           | 24.5233, 15.7537, 12.3379  |
| YIQ           | 108.0070, 61.1570, 31.5330 |

# Conversions

## Conversions Part 2

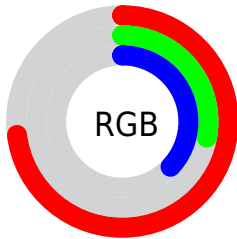
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 186, 71, 94                   |
| Decimal                             | 12207966                      |
| CIELab                              | 46.65, 48.27, 11.24           |
| CIElCh                              | 47, 49.559, 13.104            |
| Yxy                                 | 15.7537, 0.4661,<br>0.2994    |
| Android<br>(android.graphics.Color) | 4290398046<br>(0xFFBA475E)    |
| YUV                                 | 108.0070, -6.9055,<br>68.3999 |
| Hunter-Lab                          | 39.6910, 40.8282,<br>9.3534   |

# Details

The Hex color **BA475E** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47BAA3**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **F67D90**, and **800830** is the 20% darker color. If you saturate the color by 10%, you get **BA344F**, and if you desaturate by 10%, it is **BA5A6D**.

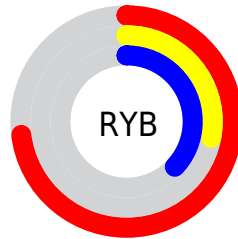
# Distribution



Red (73%)

Green (28%)

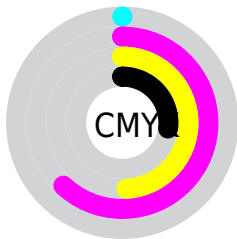
Blue (37%)



Red (73%)

Yellow (28%)

Blue (37%)

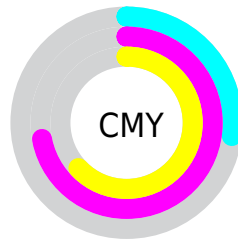


Cyan (0%)

Magenta (62%)

Yellow (49%)

Black (27%)



Cyan (27%)

Magenta (72%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA475E 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 BA475E by changing the saturation by 10% instead.



 BA475E

 BA475E

FFFFFF

 9D2B47

 F67D90

 800830

 FF98AB

 63001C

 FFB4C6

 480000

 FFD0E2

 2D0002

 FFEDFE

 000000

 BA475E

 BA475E

 BA344F

 BA5A6D

 BA2240

 BA6C7C

 BA0F31

 BA7F8B

 BA0025

 BA919A

 BAA4A8

 BAB7B7

 BAC9C6

 BADCD5

 BAE4E4

# Harmonies

## Analogous

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



AE4B88



BA475E



B15337

# Triad

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



BA475E



447C2D



007ABE

# Complementary

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



BA475E



47BAA3

# 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.



0080A7



BA475E



008155

# Square

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



BA475E



737212



008280



3D6DC0

# Rectangle

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



BA475E



A15E22



008280



007DB8



# Sweetspot

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



BA475E



F2C4CD



A347BA



7A5E64



FAFAFA



7A7A7A



# Same Dimension

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



BA475E



F23F63



BA6947



5C5354



9C001F



1C0006



# Inverse Universe

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



BA475E



F23F63



4797BA



5C5354



9C001F



1C0006



# Previews

## White Background



This preview shows how the Hex color BA475E looks on a white background.

## Color Contrast Check

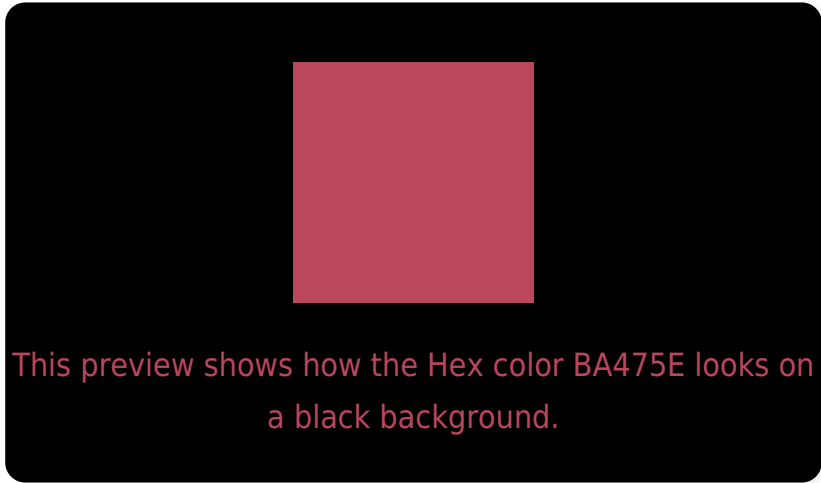
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA475E Background



This preview shows how black text looks on a background with the Hex color BA475E.

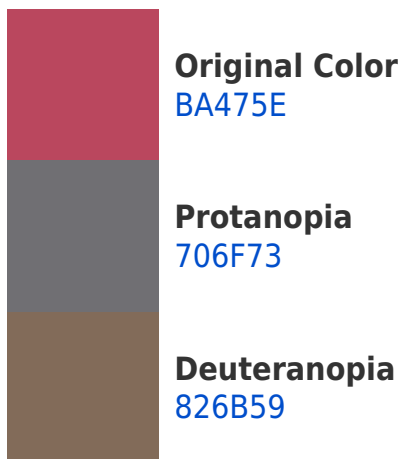


This preview shows how white text looks on a background with the Hex color BA475E.

# 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**  
B94A4F

# Trichromacy



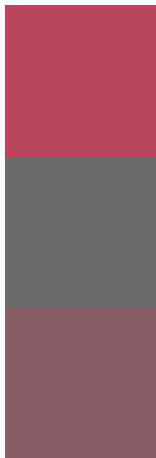
**Original Color**  
BA475E

**Protanomaly**  
8B606B

**Deuteranomaly**  
965E5B

**Tritanomaly**  
B94954

# Monochromacy



**Original Color**  
BA475E

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
885F67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA475E 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 #BA475E looks like.

```
.text, #text, p{  
    color:#BA475E  
}
```

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 #BA475E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA475E
}
```

## Border

The CSS property to change the border of an element to Hex BA475E is called "border". The border property can be set on classes, ids or directly on the HTML element.

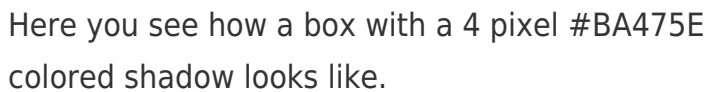
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA475E }
```

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

```
.border{ border-color:#BA475E }
```

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



Here you see how a box with a 4 pixel #BA475E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA475E; -webkit-box-shadow:4px 4px  
4px 4px #BA475E; box-shadow:4px 4px 4px  
4px #BA475E }
```

# Background

The CSS property to change the background color of an element to Hex BA475E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA475E }
```

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

```
.background{ background-color:#BA475E }
```

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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