

# Converting Colors

Hex(BA4966)

Have a look what the booklet for  
Hex(BA4966) contains.

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# Color

**Hex(BA4966)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA4966
RGB	186, 73, 102
RGB Percent	73%, 29%, 40%
CMY	0.2706, 0.7137, 0.6000
CMYK	0.00, 0.61, 0.45, 0.27
HSL	345°, 45%, 51%
HSV	345°, 61%, 73%
XYZ	25.0305, 16.1635, 14.3710
YIQ	110.0930, 58.0390, 32.9750

# Conversions

## Conversions Part 2

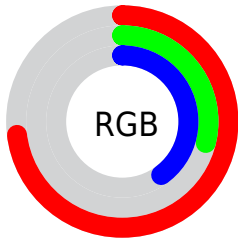
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 73, 102
Decimal	12208486
CIE <sub>Lab</sub>	47.19, 48.13, 7.12
CIE <sub>LCh</sub>	47, 48.650, 8.411
Yxy	16.1635, 0.4505, 0.2909
Android (android.graphics.Color)	4290398566 (0xFFBA4966)
YUV	110.0930, -3.9898, 66.5704
Hunter-Lab	40.2039, 40.7756, 6.9493

# Details

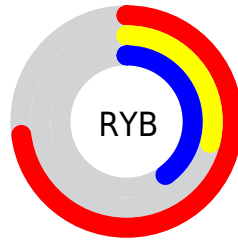
The Hex color **BA4966** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **49BA9D**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **F67F99**, and **800C37** is the 20% darker color. If you saturate the color by 10%, you get **BA3658**, and if you desaturate by 10%, it is **BA5C74**.

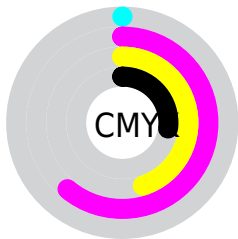
# Distribution



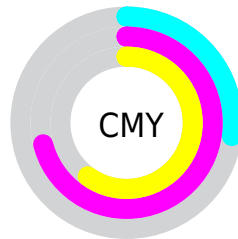
- Red (73%)
- Green (29%)
- Blue (40%)



- Red (73%)
- Yellow (29%)
- Blue (40%)



- Cyan (0%)
- Magenta (61%)
- Yellow (45%)
- Black (27%)



- Cyan (27%)
- Magenta (71%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA4966 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 BA4966 by changing the saturation by 10% instead.



 BA4966

 BA4966

FFFFFF

 9D2E4E

 F67F99

 800C37

 FF9AB4

 640022

 FFB6CF

 49000C

 FFD2EB

 2F0002

 FFEFFF

 000000

 BA4966

 BA4966

 BA3658

 BA5C74

 BA244A

 BA6E82

 BA113D

 BA818F

 BA0030

 BA939D

 BAA6AB

 BAB9B9

 BACBC7

 BADED5

 BAF0E2

# Harmonies

## Analogous

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



AA4F8F



BA4966



B4533F

# Triad

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



BA4966



4F7C2B



007CBC

# Complementary

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



BA4966



49BA9D

# 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.



0082A2



BA4966



008150

# Square

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



BA4966



7A7215



00847B



2D71C1

# Rectangle

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



BA4966



A65D29



00847B



007FB5



# Sweetspot

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



BA4966



F2C7D2



9C49BA



7A5F66



FAFAFA



7A7A7A



# Same Dimension

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



BA4966



F2416F



BA6349



5C5355



9C0028



1C0007



# Inverse Universe

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



BA4966



F2416F



49A0BA



5C5355



9C0028



1C0007



# Previews

## White Background



This preview shows how the Hex color BA4966 looks on a white background.

## Color Contrast Check

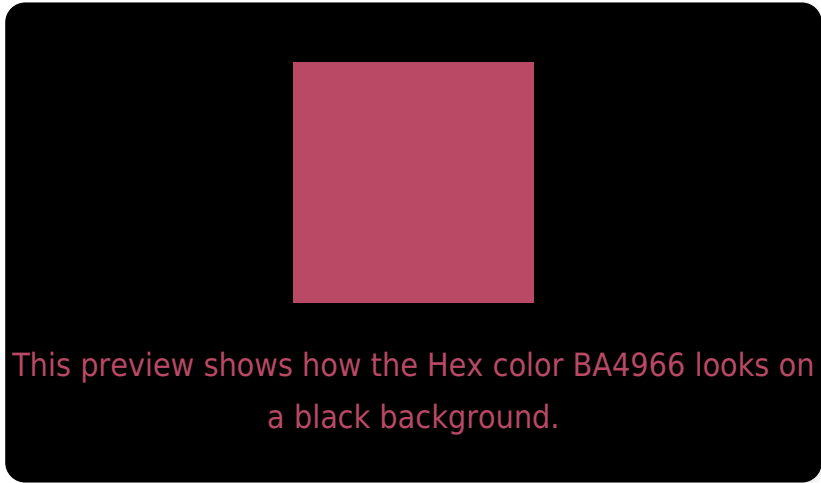
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA4966 Background



This preview shows how black text looks on a background with the Hex color BA4966.

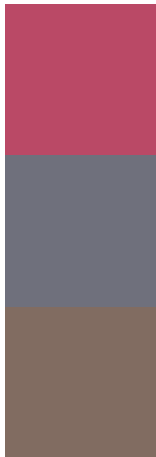


This preview shows how white text looks on a background with the Hex color BA4966.

# 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**  
BA4966

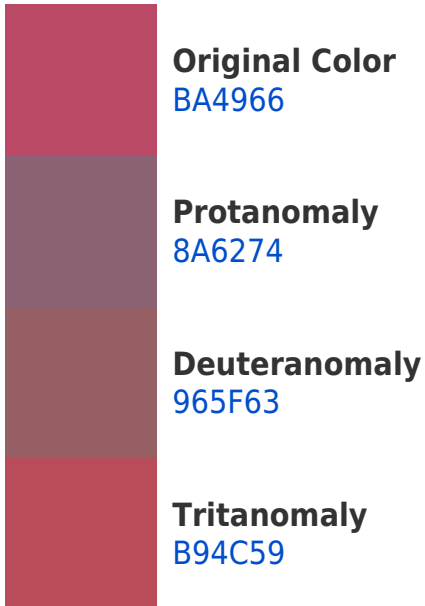
**Protanopia**  
6F707C

**Deuteranopia**  
816C61



**Tritanopia**  
B94D52

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA4966 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 #BA4966 looks like.

```
.text, #text, p{  
    color:#BA4966  
}
```

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 #BA4966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA4966
}
```

## Border

The CSS property to change the border of an element to Hex BA4966 is called "border". The border property can be set on classes, ids or directly on the HTML element.

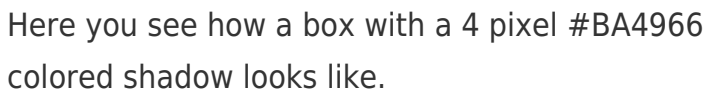
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA4966 }
```

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

```
.border{ border-color:#BA4966 }
```

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



Here you see how a box with a 4 pixel `#BA4966` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA4966; -webkit-box-shadow:4px 4px  
4px 4px #BA4966; box-shadow:4px 4px 4px  
4px #BA4966 }
```

# Background

The CSS property to change the background color of an element to Hex BA4966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA4966 }
```

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

```
.background{ background-color:#BA4966 }
```

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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