

# Converting Colors

Hex(B0496C)

Have a look what the booklet for  
Hex(B0496C) contains.

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**Color**

**Hex(B0496C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B0496C
RGB	176, 73, 108
RGB Percent	69%, 29%, 42%
CMY	0.3098, 0.7137, 0.5765
CMYK	0.00, 0.59, 0.39, 0.31
HSL	340°, 41%, 49%
HSV	340°, 59%, 69%
XYZ	22.9938, 15.0779, 15.8858
YIQ	107.7870, 50.1530, 32.7210

# Conversions

## Conversions Part 2

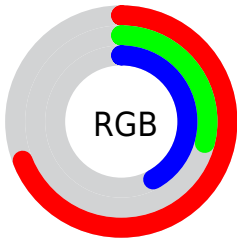
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 73, 108
Decimal	11553132
CIE <sub>Lab</sub>	45.74, 45.43, 1.16
CIE <sub>LCh</sub>	46, 45.441, 1.465
Yxy	15.0779, 0.4261, 0.2794
Android (android.graphics.Color)	4289743212 (0xFFB0496C)
YUV	107.7870, 0.1050, 59.8228
Hunter-Lab	38.8303, 37.7479, 2.9252

# Details

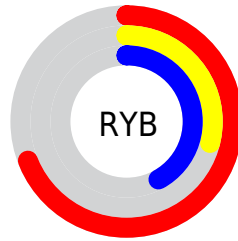
The Hex color **B0496C** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **49B08D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **EB7E9F**, and **78103D** is the 20% darker color. If you saturate the color by 10%, you get **B03760**, and if you desaturate by 10%, it is **B05B78**.

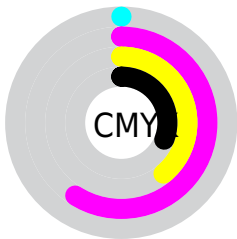
# Distribution



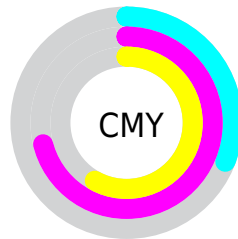
- Red (69%)
- Green (29%)
- Blue (42%)



- Red (69%)
- Yellow (29%)
- Blue (42%)



- Cyan (0%)
- Magenta (59%)
- Yellow (39%)
- Black (31%)



- Cyan (31%)
- Magenta (71%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0496C 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 B0496C by changing the saturation by 10% instead.



 B0496C

 B0496C

FFFFFF

 932E54

 EB7E9F

 78103D

 FF99BA

 5C0027

 FFB5D6

 410013

 FFD1F2

 280001

 FFEEFF

 000000

 B0496C

 B0496C

 B03760

 B05B78

 B02655

 B06C83

 B01449

 B07E8F

 B0033E

 B08F9A

 B0003C

 B0A1A6

 B0B3B2

 B0C4BD

 B0D6C9

 B0E7D5

# Harmonies

## Analogous

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



9C5291



B0496C



AF4F47

# Triad

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



B0496C



587627



007AAF

# Complementary

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



B0496C



49B08D

# 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.



007E93



B0496C



1D7C46

# Square

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



B0496C



7F6B19



007F6D



0370B8

# Rectangle

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



B0496C



A45832



007F6D



007CA7



# Sweetspot

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



B0496C



E6BCCA



8C49B0



735A62



F2F2F2



737373



# Same Dimension

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



B0496C



E6457B



B05849



595053



990034



1A0009



# Inverse Universe

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



B0496C



E6457B



49A1B0



595053



990034



1A0009



# Previews

## White Background



This preview shows how the Hex color B0496C looks on a white background.

## Color Contrast Check

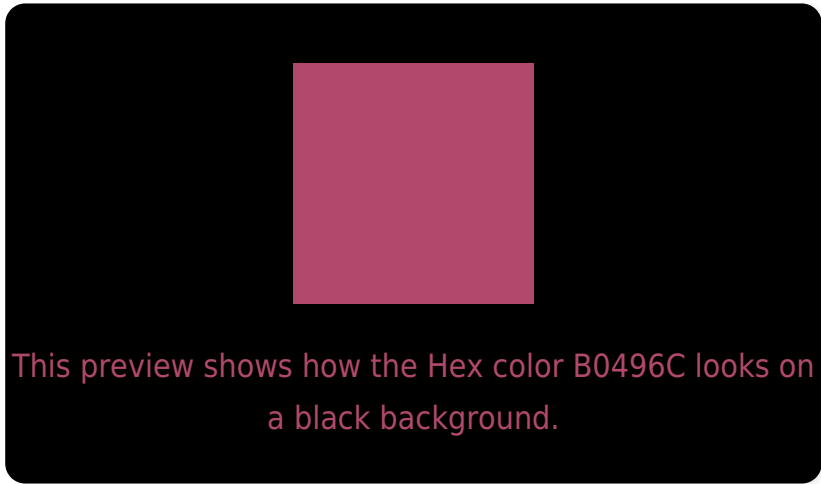
Large Text (above 18pt) WCAG AA ✓ Pass

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 B0496C Background



This preview shows how black text looks on a background with the Hex color B0496C.



This preview shows how white text looks on a background with the Hex color B0496C.

# 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**  
AE4E53

# Trichromacy



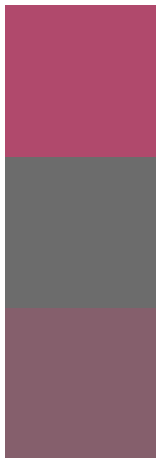
**Original Color**  
B0496C

**Protanomaly**  
835F79

**Deuteranomaly**  
8E5D69

**Tritanomaly**  
AF4C5C

# Monochromacy



**Original Color**  
B0496C

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
855F6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0496C 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 #B0496C looks like.

```
.text, #text, p{  
    color:#B0496C  
}
```

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 #B0496C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0496C
}
```

## Border

The CSS property to change the border of an element to Hex B0496C is called "border". The border property can be set on classes, ids or directly on the HTML element.

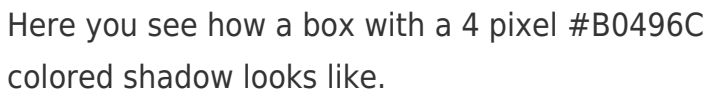
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B0496C }
```

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

```
.border{ border-color:#B0496C }
```

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



Here you see how a box with a 4 pixel #B0496C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0496C; -webkit-box-shadow:4px 4px  
4px 4px #B0496C; box-shadow:4px 4px 4px  
4px #B0496C }
```

# Background

The CSS property to change the background color of an element to Hex B0496C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0496C }
```

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

```
.background{ background-color:#B0496C }
```

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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