

# Converting Colors

Hex(B6646B)

Have a look what the booklet for  
Hex(B6646B) contains.

<b>Hex(B6646B)</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(B6646B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6646B
RGB	182, 100, 107
RGB Percent	71%, 39%, 42%
CMY	0.2863, 0.6078, 0.5804
CMYK	0.00, 0.45, 0.41, 0.29
HSL	355°, 36%, 55%
HSV	355°, 45%, 71%
XYZ	26.5024, 20.1210, 16.3968
YIQ	125.3160, 46.6250, 19.5610

# Conversions

## Conversions Part 2

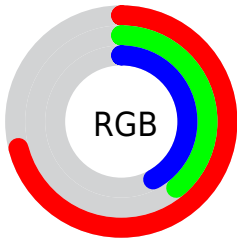
Format	Color
R <sub>Y</sub> B	182, 100, 107
Decimal	11953259
CIE Lab	51.97, 33.66, 10.79
CIE LCh	52, 35.349, 17.774
Yxy	20.1210, 0.4205, 0.3193
Android (android.graphics.Color)	4290143339 (0xFFB6646B)
YUV	125.3160, -9.0298, 49.7119
Hunter-Lab	44.8564, 26.9641, 9.7266

# Details

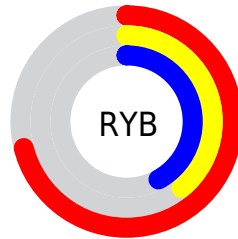
The Hex color **B6646B** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **64B6AF**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **F0989E**, and **7E323C** is the 20% darker color. If you saturate the color by 10%, you get **B6525A**, and if you desaturate by 10%, it is **B6767C**.

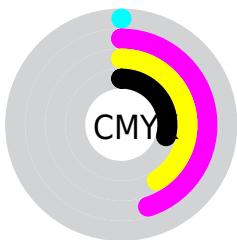
# Distribution



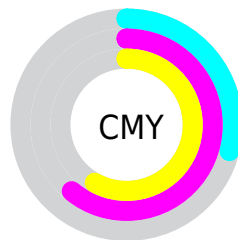
- Red (71%)
- Green (39%)
- Blue (42%)



- Red (71%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (45%)
- Yellow (41%)
- Black (29%)



- Cyan (29%)
- Magenta (61%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6646B 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 B6646B by changing the saturation by 10% instead.



 B6646B

 B6646B

FFFFFF

 9A4B53

 F0989E

 7E323C

 FF84B9

 631A26

 FFD0D5

 480012

 FFECE1

 310000

 000000

 B6646B

 B6646B

 B6525A

 B6767C

 B6404A

 B6888C

 B62D39

 B69B9D

 B61B28

 B6ADAE

 B60918

 B6BFBE

 B60010

 B6D1CF

 B6E3E0

 B6F6F0

 B6FFFF

# Harmonies

## Analogous

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



AE658A



B6646B



AE6B50

# Triad

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



B6646B



5A8752



2E83B7

# Complementary

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



B6646B



64B6AF

# 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.



0089A8



B6646B



2D8B6E

# Square

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



B6646B



7D8041



008C8D



6B79B5

# Rectangle

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



B6646B



A17244



008C8D



0285B3



# Sweetspot

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



B6646B



EDCCCF



AE64B6



786365



F7F7F7



787878



# Same Dimension

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



B6646B



ED6D78



B68564



5C5353



9C000D



1C0002



# Inverse Universe

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



B6646B



ED6D78



6495B6



5C5353



9C000D

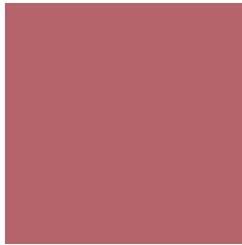


1C0002



# Previews

## White Background



This preview shows how the Hex color B6646B looks on a white background.

## Color Contrast Check

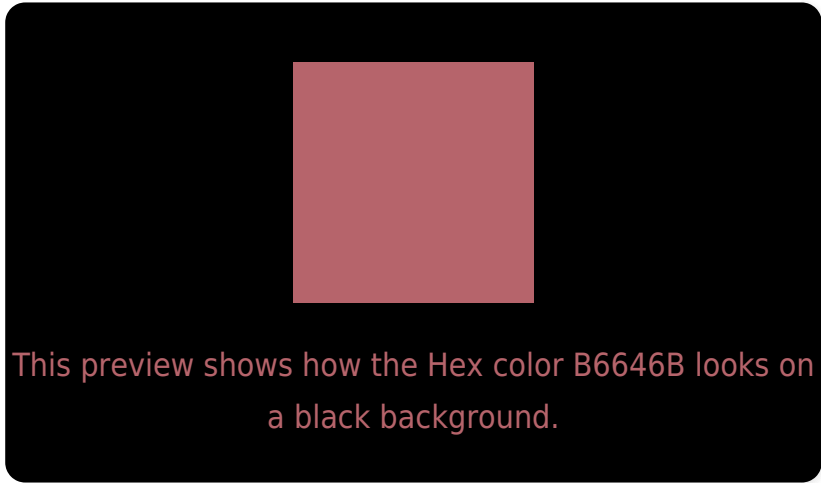
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B6646B Background



This preview shows how black text looks on a background with the Hex color B6646B.



This preview shows how white text looks on a background with the Hex color B6646B.

# 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**  
B6646B

# Trichromacy



**Original Color**  
B6646B

**Protanomaly**  
947373

**Deuteranomaly**  
9E7169

**Tritanomaly**  
B6646B

# Monochromacy



**Original Color**  
B6646B

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
927476

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6646B 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 #B6646B looks like.

```
.text, #text, p{  
    color:#B6646B  
}
```

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 #B6646B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6646B
}
```

## Border

The CSS property to change the border of an element to Hex B6646B is called "border". The border property can be set on classes, ids or directly on the HTML element.

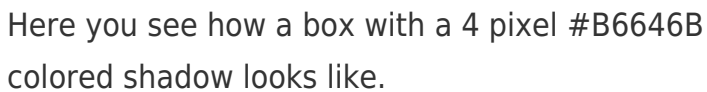
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B6646B }
```

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

```
.border{ border-color:#B6646B }
```

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



Here you see how a box with a 4 pixel #B6646B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6646B; -webkit-box-shadow:4px 4px  
4px 4px #B6646B; box-shadow:4px 4px 4px  
4px #B6646B }
```

# Background

The CSS property to change the background color of an element to Hex B6646B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6646B }
```

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

```
.background{ background-color:#B6646B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor