

# Converting Colors

Hex(B76169)

Have a look what the booklet for  
Hex(B76169) contains.

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# Color

**Hex(B76169)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<b>B76169</b>
RGB	<b>183, 97, 105</b>
RGB Percent	<b>72%, 38%, 41%</b>
CMY	<b>0.2824, 0.6196, 0.5882</b>
CMYK	<b>0.00, 0.47, 0.43, 0.28</b>
HSL	<b>354°, 37%, 55%</b>
HSV	<b>354°, 47%, 72%</b>
XYZ	<b>26.3529, 19.6366, 15.7659</b>
YIQ	<b>123.6260, 48.6880, 20.7200</b>

# Conversions

## Conversions Part 2

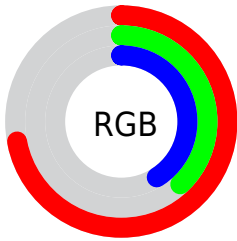
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 97, 105
Decimal	12018025
CIE <sub>Lab</sub>	51.42, 35.42, 11.23
CIE <sub>LCh</sub>	51, 37.153, 17.586
Yxy	19.6366, 0.4267, 0.3180
Android (android.graphics.Color)	4290208105 (0xFFB76169)
YUV	123.6260, -9.1826, 52.0710
Hunter-Lab	44.3132, 28.6054, 9.9248

# Details

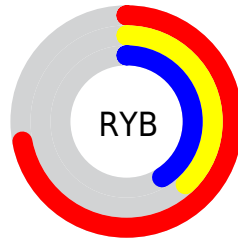
The Hex color **B76169** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **61B7AF**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **F2959C**, and **7F2F3A** is the 20% darker color. If you saturate the color by 10%, you get **B74F58**, and if you desaturate by 10%, it is **B7737A**.

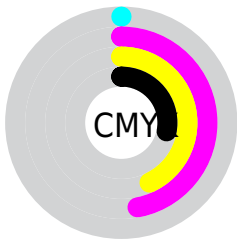
# Distribution



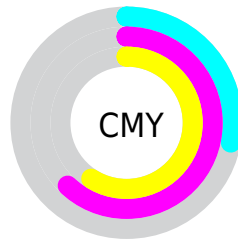
- Red (72%)
- Green (38%)
- Blue (41%)



- Red (72%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (47%)
- Yellow (43%)
- Black (28%)



- Cyan (28%)
- Magenta (62%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B76169 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 B76169 by changing the saturation by 10% instead.



 B76169

 B76169

FFFFFF

 9B4851

 F2959C

 7F2F3A

 FFB1B7

 631525

 FFCCD3

 490010

 FFE9EF

 310001

 000000

 B76169

 B76169

 B74F58

 B7737A

 B73C48

 B7868A

 B72A37

 B7989B

 B71827

 B7AAAB

 B70516

 B7BCBC

 B70011

 B7CFCD

 B7E1DD

 B7F3EE

 B7FFFE

# Harmonies

## Analogous

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



AF6289



B76169



AE694D

# Triad

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



B76169



57864E



1F82B8

# Complementary

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



B76169



61B7AF

# 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.



0088A9



B76169



248A6C

# Square

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



B76169



7B7F3C



008B8D



6877B7

# Rectangle

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



B76169



A17040



008B8D



0084B5



# Sweetspot

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



B76169



EDCCCF



AE61B7



786365



F7F7F7



787878



# Same Dimension

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



B76169



ED6875



B78361



5C5353



9C000E



1C0003



# Inverse Universe

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



B76169



ED6875



6195B7



5C5353



9C000E

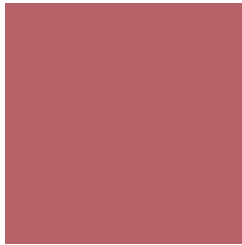


1C0003



# Previews

## White Background



This preview shows how the Hex color B76169 looks on a white background.

## Color Contrast Check

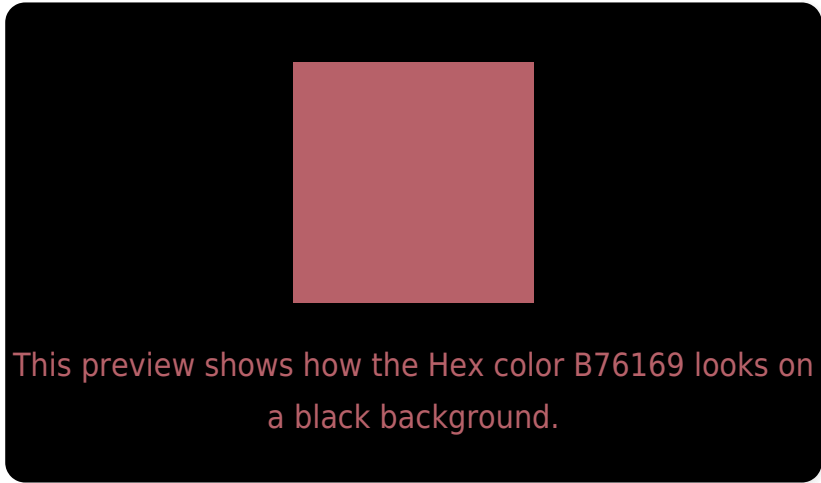
Large Text (above 18pt) WCAG AA ✓ Pass

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 B76169 Background



This preview shows how black text looks on a background with the Hex color B76169.

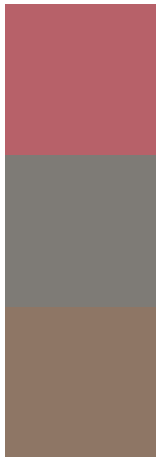


This preview shows how white text looks on a background with the Hex color B76169.

# 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**  
B76169

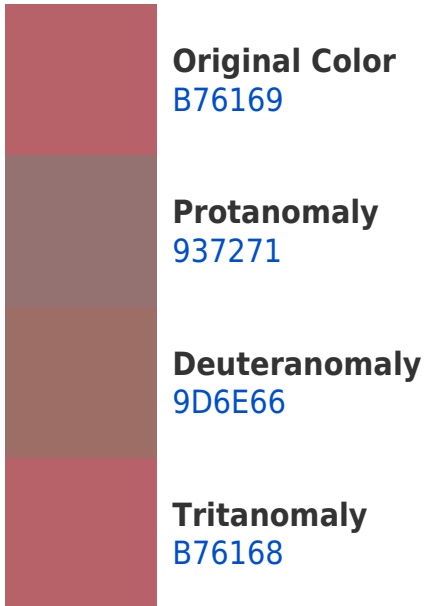
**Protanopia**  
7E7B76

**Deuteranopia**  
8E7665

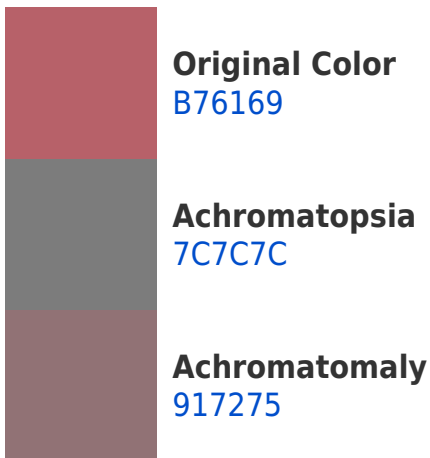


**Tritanopia**  
B76168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B76169 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 #B76169 looks like.

```
.text, #text, p{  
    color:#B76169  
}
```

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 #B76169 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B76169
}
```

## Border

The CSS property to change the border of an element to Hex B76169 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
#B76169 }
```

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

```
.border{ border-color:#B76169 }
```

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

Here you see how a box with a 4 pixel #B76169 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B76169; -webkit-box-shadow:4px 4px  
4px 4px #B76169; box-shadow:4px 4px 4px  
4px #B76169 }
```

# Background

The CSS property to change the background color of an element to Hex B76169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B76169 }
```

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

```
.background{ background-color:#B76169 }
```

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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