

# Converting Colors

Hex(B9716D)

Have a look what the booklet for  
Hex(B9716D) contains.

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# Color

**Hex(B9716D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9716D
RGB	185, 113, 109
RGB Percent	73%, 44%, 43%
CMY	0.2745, 0.5569, 0.5725
CMYK	0.00, 0.39, 0.41, 0.27
HSL	3°, 35%, 58%
HSV	3°, 41%, 73%
XYZ	28.6730, 23.2287, 17.4403
YIQ	134.0720, 44.1960, 14.0200

# Conversions

## Conversions Part 2

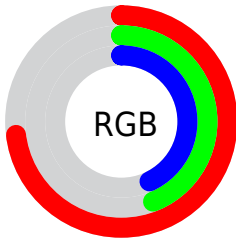
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 113, 109
Decimal	12153197
CIE <sub>Lab</sub>	55.31, 27.98, 14.33
CIE <sub>LCh</sub>	55, 31.434, 27.115
Yxy	23.2287, 0.4135, 0.3350
Android (android.graphics.Color)	4290343277 (0xFFB9716D)
YUV	134.0720, -12.3605, 44.6639
Hunter-Lab	48.1961, 21.8507, 12.2825

# Details

The Hex color **B9716D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6DB5B9**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **F3A6A0**, and **81403E** is the 20% darker color. If you saturate the color by 10%, you get **B95F5A**, and if you desaturate by 10%, it is **B98380**.

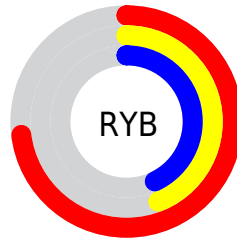
# Distribution



Red (73%)

Green (44%)

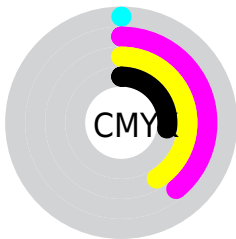
Blue (43%)



Red (73%)

Yellow (44%)

Blue (43%)

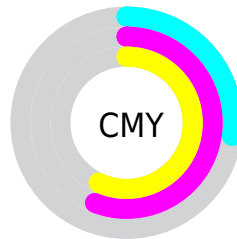


Cyan (0%)

Magenta (39%)

Yellow (41%)

Black (27%)



Cyan (27%)

Magenta (56%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9716D 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 B9716D by changing the saturation by 10% instead.



 B9716D

 B9716D

FFFFFF

 9D5855

 F3A6A0

 81403E

 FFC1BB

 662828

 FFDDD7

 4C1013

 FFFAF4

 330000

 120000

 000000

 B9716D

 B9716D

 B95F5A

 B98380

 B94E48

 B99492

 B93C36

 B9A6A5

 B92B23

 B9B7B7

 B91910

 B9C9CA

 B90A00

 B9DADC

 B9ECEE

 B9FDFF

 B9FFFF

# Harmonies

## Analogous

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



B66F88



B9716D



AE7858

# Triad

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



B9716D



5D9066



5888BA

# Complementary

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



B9716D



6DB5B9

# 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.



268FB1



B9716D



389381

# Square

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



B9716D



7D8A53



0F939C



847EB5

# Rectangle

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



B9716D



A17F4F



0F939C



488BB9



# Sweetspot

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



B9716D



F0D4D3



B96DB5



786867



F7F7F7



787878



# Same Dimension

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



B9716D



F0807A



B9976D



5C5353



9C0800



1C0100



# Inverse Universe

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



6DB5B9



7AEAFO



6D8FB9



535B5C



00939C



001B1C



# Previews

## White Background



This preview shows how the Hex color B9716D looks on a white background.

## Color Contrast Check

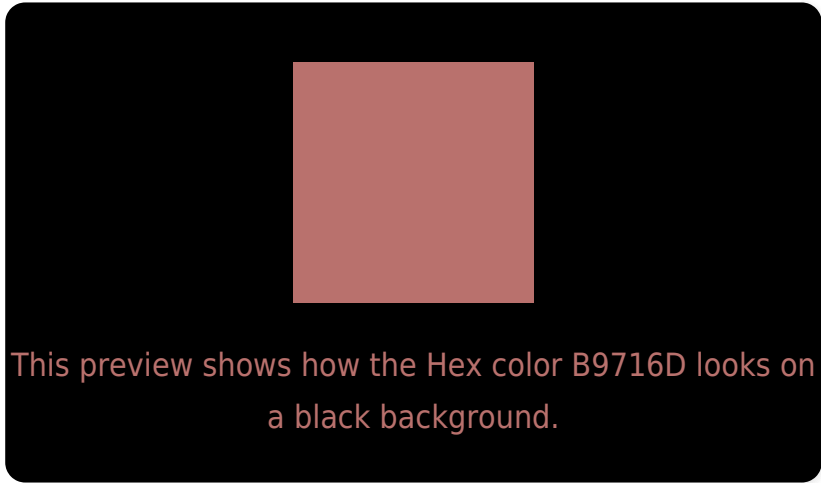
Large Text (above 18pt) WCAG AA ✓ Pass

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 B9716D Background



This preview shows how black text looks on a background with the Hex color B9716D.



This preview shows how white text looks on a background with the Hex color B9716D.

# 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**  
B9716D

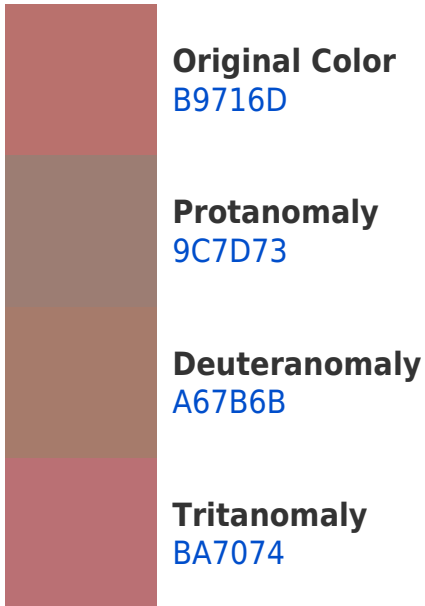
**Protanopia**  
8B8477

**Deuteranopia**  
9B806A



**Tritanopia**  
BA6F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9716D 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 #B9716D looks like.

```
.text, #text, p{  
    color:#B9716D  
}
```

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 #B9716D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9716D
}
```

## Border

The CSS property to change the border of an element to Hex B9716D 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
#B9716D }
```

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

```
.border{ border-color:#B9716D }
```

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

Here you see how a box with a 4 pixel #B9716D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9716D; -webkit-box-shadow:4px 4px  
4px 4px #B9716D; box-shadow:4px 4px 4px  
4px #B9716D }
```

# Background

The CSS property to change the background color of an element to Hex B9716D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9716D }
```

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

```
.background{ background-color:#B9716D }
```

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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