

# Converting Colors

Hex(BC817A)

Have a look what the booklet for  
Hex(BC817A) contains.

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# Color

Hex(**BC817A**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BC817A
RGB	188, 129, 122
RGB Percent	74%, 51%, 48%
CMY	0.2627, 0.4941, 0.5216
CMYK	0.00, 0.31, 0.35, 0.26
HSL	6°, 33%, 61%
HSV	6°, 35%, 74%
XYZ	32.1021, 27.7970, 22.0857
YIQ	145.8430, 37.4110, 10.3310

# Conversions

## Conversions Part 2

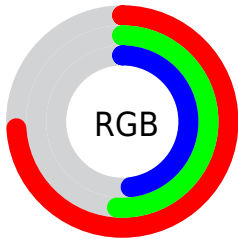
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 130, 122
Decimal	12353914
CIE <sub>Lab</sub>	59.70, 21.89, 13.01
CIE <sub>LCh</sub>	60, 25.467, 30.731
Yxy	27.7970, 0.3916, 0.3391
Android (android.graphics.Color)	4290543994 (0xFFBC817A)
YUV	145.8430, -11.7546, 36.9717
Hunter-Lab	52.7229, 16.4208, 12.0693

# Details

The Hex color **BC817A** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **7AB5BC**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **F6B6AE**, and **854F49** is the 20% darker color. If you saturate the color by 10%, you get **BC7067**, and if you desaturate by 10%, it is **BC928D**.

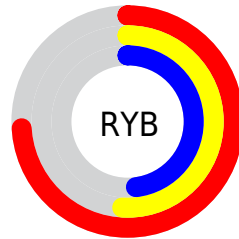
# Distribution



Red (74%)

Green (51%)

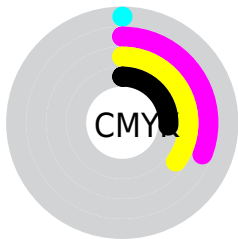
Blue (48%)



Red (74%)

Yellow (51%)

Blue (48%)

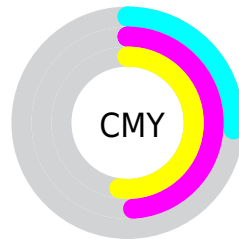


Cyan (0%)

Magenta (31%)

Yellow (35%)

Black (26%)



Cyan (26%)

Magenta (49%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC817A 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 BC817A by changing the saturation by 10% instead.



 BC817A

FFFFFF

 F6B6AE

 FFD2CA


 FFEEE6

 BC817A

 A06861

 854F49

 6A3833

 51211E

 380B05

 220001

 000000

 BC817A

 BC7067

 BC817A

 BC928D

 BC5F54

 BCA3A0

 BC4F42

 BCB3B2

 BC3E2F

 BCC4C5

 BC2D1C

 BCD5D8

 BC1C09

 BCE6EB

 BC1400

 BCF7FE

 BCFFFF

# Harmonies

## Analogous

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



BB7F90



BC817A



B28769

# Triad

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



BC817A



6D9A79



7492BC

# Complementary

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



BC817A



7AB5BC

# 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.



5698B6



BC817A



559C90

# Square

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



BC817A



879569



499CA6



948AB6

# Rectangle

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



BC817A



A68C64



499CA6



6994BC

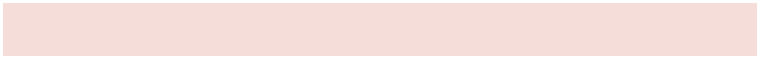


# Sweetspot

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



BC817A



F5DDDA



BC7AB5



7A6C6A



FAFAFA



7A7A7A



# Same Dimension

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



BC817A



F5998E



BCA27A



5E5655



9E1100



1F0300



# Inverse Universe

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



7AB5BC



8EEAF5



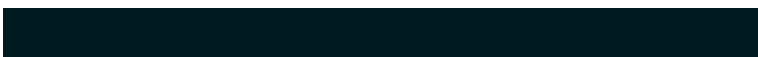
7A94BC



555D5E



008D9E



001B1F



# Previews

## White Background



This preview shows how the Hex color BC817A looks on a white background.

## Color Contrast Check

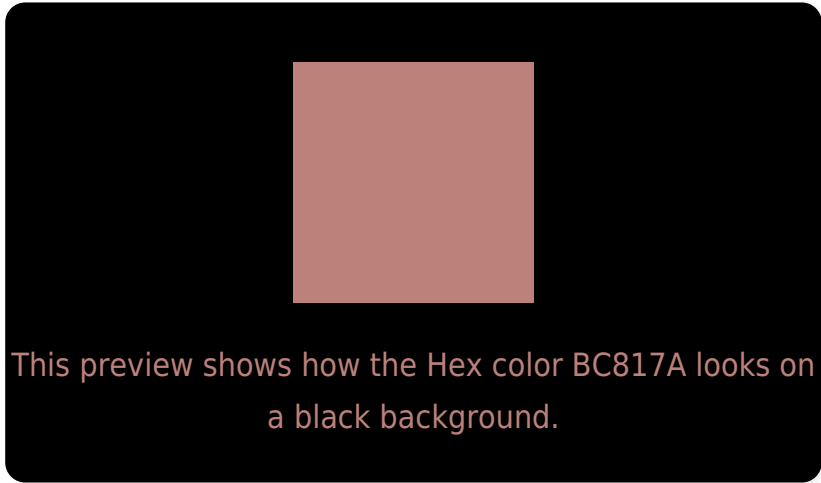
Large Text (above 18pt) WCAG AA ✓ Pass

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

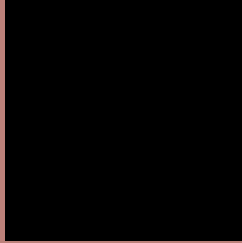
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BC817A Background



This preview shows how black text looks on a background with the Hex color BC817A.

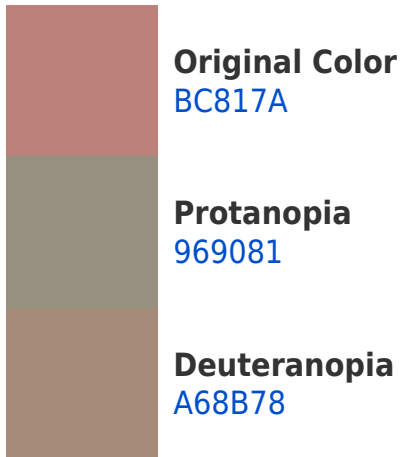


This preview shows how white text looks on a background with the Hex color BC817A.

# 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**  
BD7F88

# Trichromacy



**Original Color**  
BC817A

**Protanomaly**  
A48B7E

**Deuteranomaly**  
AE8779

**Tritanomaly**  
BD8083

# Monochromacy



**Original Color**  
BC817A

**Achromatopsia**  
929292

**Achromatomaly**  
A18C89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC817A 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 #BC817A looks like.

```
.text, #text, p{  
    color:#BC817A  
}
```

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 #BC817A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC817A
}
```

## Border

The CSS property to change the border of an element to Hex BC817A 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
#BC817A }
```

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

```
.border{ border-color:#BC817A }
```

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

Here you see how a box with a 4 pixel #BC817A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC817A; -webkit-box-shadow:4px 4px  
4px 4px #BC817A; box-shadow:4px 4px 4px  
4px #BC817A }
```

# Background

The CSS property to change the background color of an element to Hex BC817A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC817A }
```

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

```
.background{ background-color:#BC817A }
```

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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