

# Converting Colors

Hex(BB728A)

Have a look what the booklet for  
Hex(BB728A) contains.

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# Color

**Hex(BB728A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB728A
RGB	187, 114, 138
RGB Percent	73%, 45%, 54%
CMY	0.2667, 0.5529, 0.4588
CMYK	0.00, 0.39, 0.26, 0.27
HSL	340°, 35%, 59%
HSV	340°, 39%, 73%
XYZ	31.0983, 24.4344, 27.1220
YIQ	138.5630, 35.8040, 22.9400

# Conversions

## Conversions Part 2

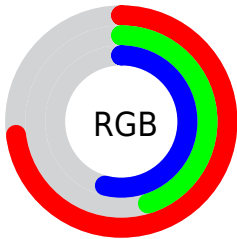
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 114, 138
Decimal	12284554
CIE Lab	56.52, 31.95, -0.80
CIE LCh	57, 31.960, 358.557
Yxy	24.4344, 0.3762, 0.2956
Android (android.graphics.Color)	4290474634 (0xFFBB728A)
YUV	138.5630, -0.2776, 42.4792
Hunter-Lab	49.4312, 25.7939, 2.0704

# Details

The Hex color **BB728A** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **72BBA3**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **F5A7BF**, and **844058** is the 20% darker color. If you saturate the color by 10%, you get **BB5F7D**, and if you desaturate by 10%, it is **BB8597**.

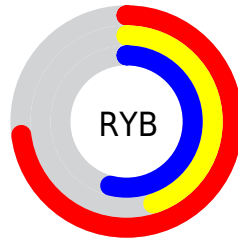
# Distribution



Red (73%)

Green (45%)

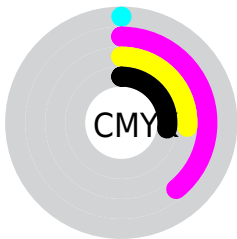
Blue (54%)



Red (73%)

Yellow (45%)

Blue (54%)

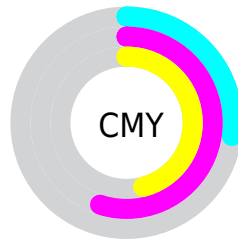


Cyan (0%)

Magenta (39%)

Yellow (26%)

Black (27%)



Cyan (27%)

Magenta (55%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB728A 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 BB728A by changing the saturation by 10% instead.



 BB728A

 BB728A

FFFFFF

 9F5971

 F5A7BF

 844058

 FFC3DB

 692841

 FFDFF8

 500F2B

 FFFCFF

 370017

 1F0001

 000000

 BB728A

 BB728A

 BB5F7D

 BB8597

 BB4D71

 BB97A3

 BB3A64

 BBAAB0

 BB2758

 BBBDBC

 BB154B

 BBCFC9

 BB023F

 BBE2D5

 BB003D

 BBF5E2

 BBFFEE

 BBFFFB

# Harmonies

## Analogous

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



A977A5



BB728A



BD746E

# Triad

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



BB728A



7E8E56



2A92B6

# Complementary

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



BB728A



72BBA3

# 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.



0E96A1



BB728A



5D946A

# Square

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



BB728A



9B8550



389685



5D8BBF

# Rectangle

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



BB728A



B6795F



389685



1994B0



# Sweetspot

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



BB728A



F2D5DF



A372BB



7A696F



FAFAFA



7A7A7A



# Same Dimension

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



BB728A



F280A6



BB7E72



5E5558



9E0034



1F000A



# Inverse Universe

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



BB728A



F280A6



72AFBB



5E5558



9E0034

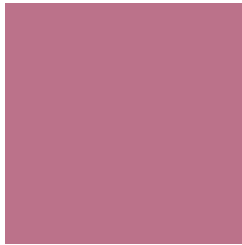


1F000A



# Previews

## White Background



This preview shows how the Hex color BB728A looks on a white background.

## Color Contrast Check

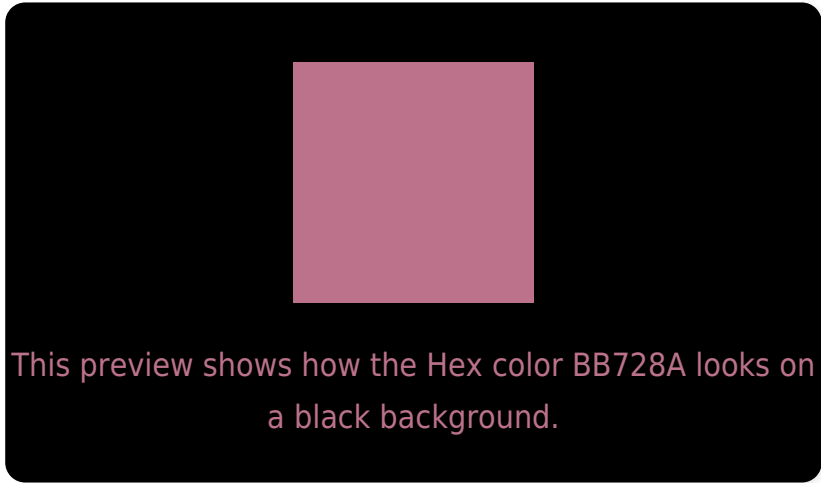
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB728A Background



This preview shows how black text looks on a background with the Hex color BB728A.

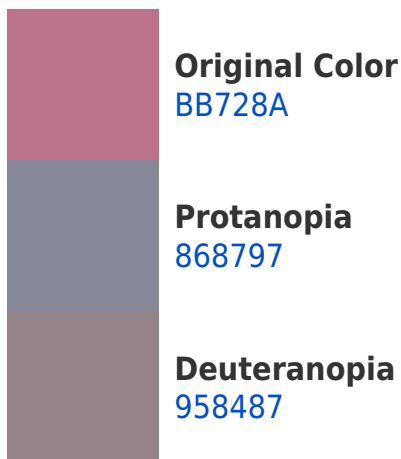


This preview shows how white text looks on a background with the Hex color BB728A.

# 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](#).

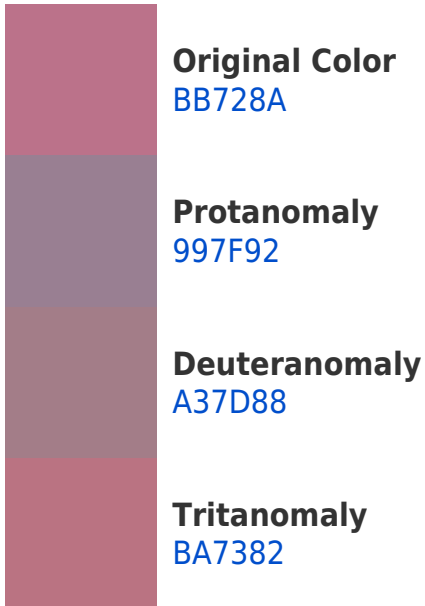
## Dichromacy





**Tritanopia**  
BA747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB728A 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 #BB728A looks like.

```
.text, #text, p{  
    color:#BB728A  
}
```

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 #BB728A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB728A
}
```

## Border

The CSS property to change the border of an element to Hex BB728A 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
#BB728A }
```

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

```
.border{ border-color:#BB728A }
```

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

Here you see how a box with a 4 pixel #BB728A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB728A; -webkit-box-shadow:4px 4px  
4px 4px #BB728A; box-shadow:4px 4px 4px  
4px #BB728A }
```

# Background

The CSS property to change the background color of an element to Hex BB728A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB728A }
```

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

```
.background{ background-color:#BB728A }
```

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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