

Converting Colors

Hex(BB94C4)

Have a look what the booklet for
Hex(BB94C4) contains.

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Color

Hex(BB94C4)

Conversions

Conversions Part 1

Format	Color
Hex	BB94C4
RGB	187, 148, 196
RGB Percent	73%, 58%, 77%
CMY	0.2667, 0.4196, 0.2314
CMYK	0.05, 0.24, 0.00, 0.23
HSL	289°, 29%, 67%
HSV	289°, 24%, 77%
XYZ	41.0472, 35.7301, 56.9577
YIQ	165.1330, 7.8360, 23.1960

Conversions

Conversions Part 2

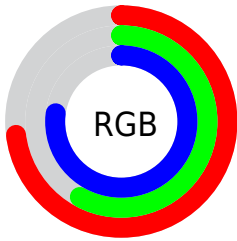
Format	Color
R _Y B	187, 148, 196
Decimal	12293316
CIE Lab	66.31, 23.14, -19.23
CIE LCh	66, 30.086, 320.270
Yxy	35.7301, 0.3069, 0.2672
Android (android.graphics.Color)	4290483396 (0xFFBB94C4)
YUV	165.1330, 15.2174, 19.1774
Hunter-Lab	59.7747, 17.9701, -14.6536

Details

The Hex color **BB94C4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9DC494**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **F4CAFD**, and **85618E** is the 20% darker color. If you saturate the color by 10%, you get **B780C4**, and if you desaturate by 10%, it is **BFA8C4**.

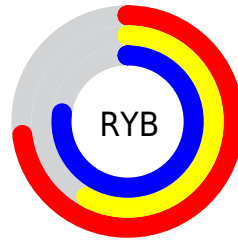
Distribution



Red (73%)

Green (58%)

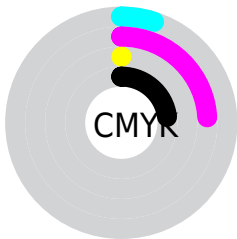
Blue (77%)



Red (73%)

Yellow (58%)

Blue (77%)

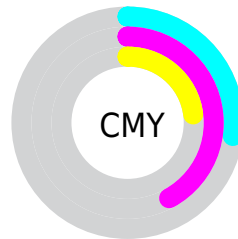


Cyan (5%)

Magenta (24%)

Yellow (0%)

Black (23%)



Cyan (27%)

Magenta (42%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB94C4 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 BB94C4 by changing the saturation by 10% instead.

 BB94C4

 BB94C4

FFFFFF

 A07AA9

 F4CAFD

 85618E

 FFE7FF

 6C4975

 53325C

 3B1C44

 25062E

 040019

 000000

 BB94C4

 BB94C4

 B780C4

 BFA8C4

 B46DC4

 C2BBC4

 B059C4

 C6CFC4

 AC46C4

 CAE2C4

 A932C4

 CDF6C4

 A51EC4

 D1FFC4

 A10BC4

 D5FFC4

 9F00C4

 D8FFC4

 DCFFC4

Harmonies

Analogous

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



999DD4



BB94C4



D18EAB

Triad

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



BB94C4



BC9D6C



4AB0B3

Complementary

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



BB94C4



9DC494

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.



63B097



BB94C4



A1A56E

Square

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



BB94C4



CF9479



82AC7E



4EADCA

Rectangle

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



BB94C4



D78D99



82AC7E



51B0AA

Sweetspot

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



BB94C4



FCEDFF



949EC4



7E7580



000000



808080

Same Dimension

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



BB94C4



F1B5FF



C494B6



5F5761



8300A1



1B0021

Inverse Universe

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



C4949D



FFB5C3



94C4A2



615759



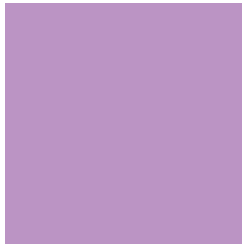
A1001E



210006

Previews

White Background



This preview shows how the Hex color BB94C4 looks on a white background.

Color Contrast Check

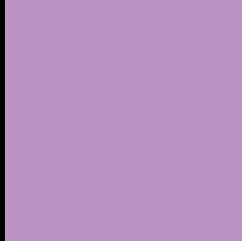
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color BB94C4 looks on a 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 ✓ Pass

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

Hex BB94C4 Background



This preview shows how black text looks on a background with the Hex color BB94C4.

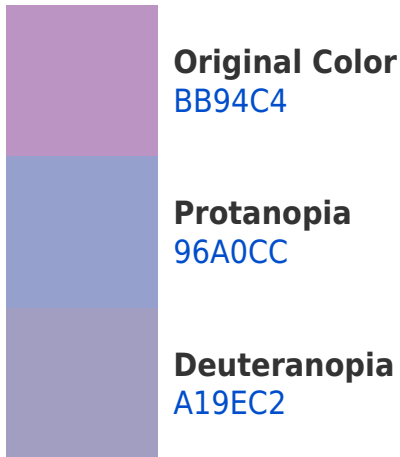


This preview shows how white text looks on a background with the Hex color BB94C4.

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
B79AA6

Trichromacy



Original Color
BB94C4

Protanomaly
A39CC9

Deuteranomaly
AA9AC3

Tritanomaly
B898B1

Monochromacy



Original Color
BB94C4

Achromatopsia
A5A5A5

Achromatomaly
AD9FB0

CSS Examples

Text

The CSS property to change the color of the text to Hex BB94C4 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 #BB94C4 looks like.

```
.text, #text, p{  
    color:#BB94C4  
}
```

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 #BB94C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB94C4
}
```

Border

The CSS property to change the border of an element to Hex BB94C4 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".

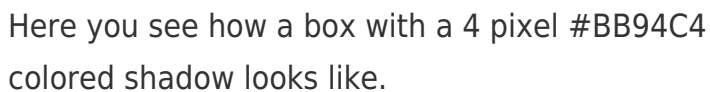
```
.border, #border, table{ border:4px solid
#BB94C4 }
```

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

```
.border{ border-color:#BB94C4 }
```

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

Here you see how a box with a 4 pixel #BB94C4 colored shadow looks like.

A rectangular box with a purple border and a purple box shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is slightly rounded. The shadow is a soft, purple glow that appears to be cast from the bottom-left corner of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB94C4; -webkit-box-shadow:4px 4px  
4px 4px #BB94C4; box-shadow:4px 4px 4px  
4px #BB94C4 }
```

Background

The CSS property to change the background color of an element to Hex BB94C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB94C4 }
```

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

```
.background{ background-color:#BB94C4 }
```

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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