

Converting Colors

Hex(BB75C7)

Have a look what the booklet for
Hex(BB75C7) contains.

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Color

Hex(BB75C7)

Conversions

Conversions Part 1

Format	Color
Hex	BB75C7
RGB	187, 117, 199
RGB Percent	73%, 46%, 78%
CMY	0.2667, 0.5412, 0.2196
CMYK	0.06, 0.41, 0.00, 0.22
HSL	291°, 42%, 62%
HSV	291°, 41%, 78%
XYZ	37.1636, 27.4109, 57.3649
YIQ	147.2780, 15.3980, 40.3420

Conversions

Conversions Part 2

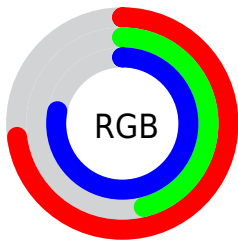
Format	Color
R _Y B	187, 117, 199
Decimal	12285383
CIE Lab	59.35, 40.82, -31.61
CIE LCh	59, 51.633, 322.246
Yxy	27.4109, 0.3048, 0.2248
Android (android.graphics.Color)	4290475463 (0xFFBB75C7)
YUV	147.2780, 25.4989, 34.8362
Hunter-Lab	52.3554, 35.0832, -28.3142

Details

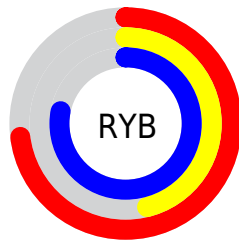
The Hex color **BB75C7** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **81C775**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **F4ABFF**, and **844291** is the 20% darker color. If you saturate the color by 10%, you get **B861C7**, and if you desaturate by 10%, it is **BE89C7**.

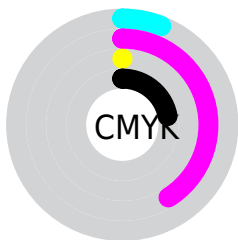
Distribution



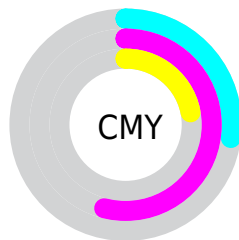
- Red (73%)
- Green (46%)
- Blue (78%)



- Red (73%)
- Yellow (46%)
- Blue (78%)



- Cyan (6%)
- Magenta (41%)
- Yellow (0%)
- Black (22%)



- Cyan (27%)
- Magenta (54%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB75C7 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 BB75C7 by changing the saturation by 10% instead.

 BB75C7

 BB75C7

FFFFFF

 9F5BAC

 F4ABFF

 844291

 FFC6FF

 6A2977

 FFE3FF

 500E5E

 370046

 23002F

 000119

 000000

 BB75C7

 BB75C7

 B861C7

 BE89C7

 B54DC7

 C19DC7

 B239C7

 C4B1C7

 AF25C7

 C7C5C7

 AC11C7

 CAD9C7

 AA00C7

 CCECC7

 CFFFC7

 D2FFC7

 D5FFC7

Harmonies

Analogous

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



7D88E3



BB75C7



DC689D

Triad

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



BB75C7



B28830



00A5B0

Complementary

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



BB75C7



81C775

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.



00A481



BB75C7



879735

Square

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



BB75C7



D27748



4FA055



00A1D6

Rectangle

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



BB75C7



E3677E



4FA055



00A5A1

Sweetspot

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



BB75C7



FBE0FF



7581C7



7D6E80



000000



808080

Same Dimension

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



BB75C7



ED82FF



C775AA



625A63



8B00A3



1E0024

Inverse Universe

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



C77581



FF8294



75C792



635A5B



A30018



240005

Previews

White Background



This preview shows how the Hex color BB75C7 looks on a white background.

Color Contrast Check

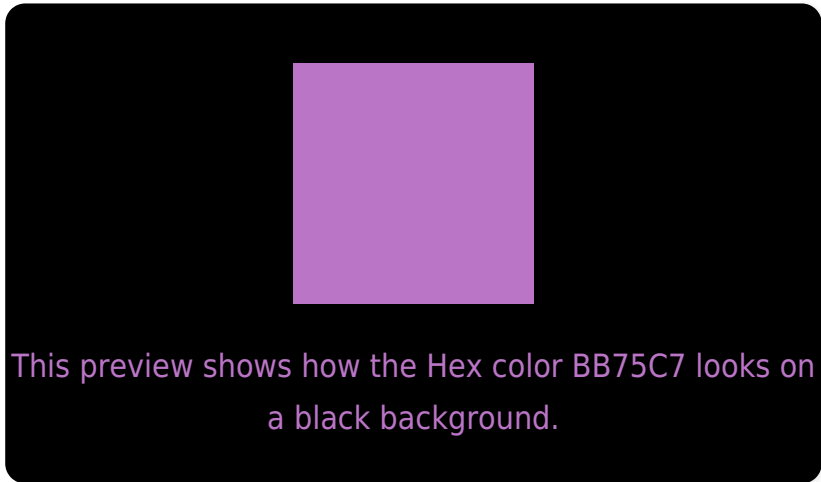
Large Text (above 18pt) WCAG AA ✓ Pass

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

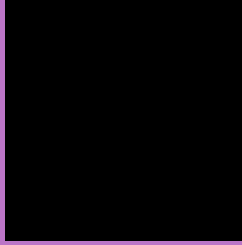
Any Text WCAG AA ✓ Pass

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 BB75C7 Background



This preview shows how black text looks on a background with the Hex color BB75C7.

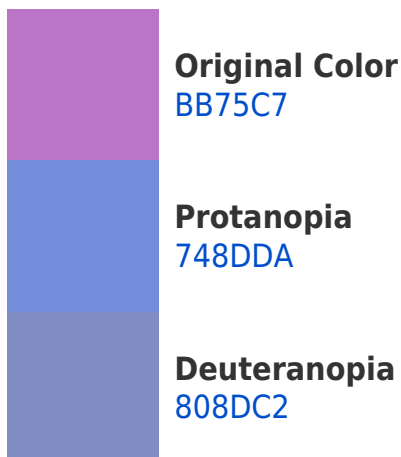



This preview shows how white text looks on a background with the Hex color BB75C7.

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](#).

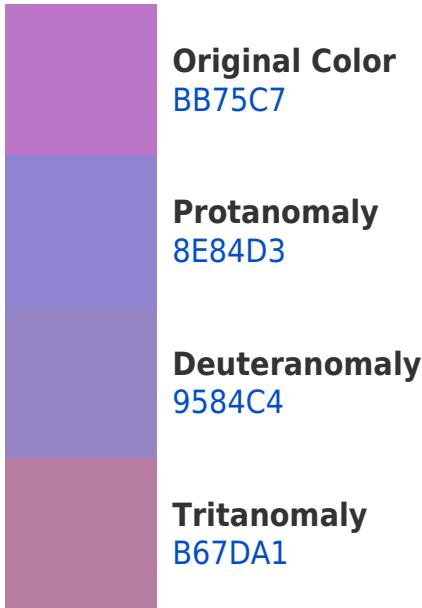
Dichromacy



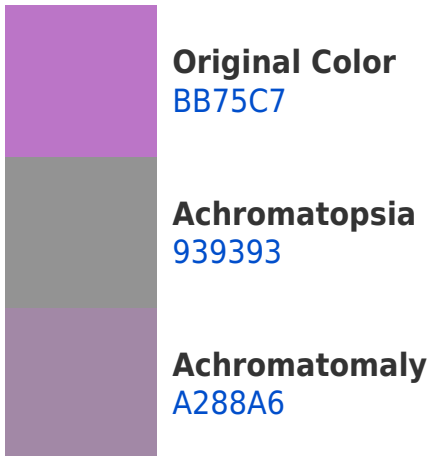


Tritanopia
B3828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB75C7 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 #BB75C7 looks like.

```
.text, #text, p{  
    color:#BB75C7  
}
```

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 #BB75C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB75C7
}
```

Border

The CSS property to change the border of an element to Hex BB75C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

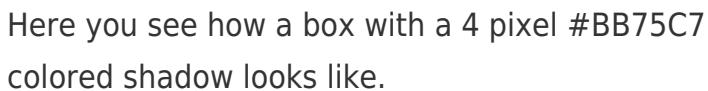
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB75C7 }
```

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

```
.border{ border-color:#BB75C7 }
```

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



Here you see how a box with a 4 pixel #BB75C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB75C7; -webkit-box-shadow:4px 4px  
4px 4px #BB75C7; box-shadow:4px 4px 4px  
4px #BB75C7 }
```

Background

The CSS property to change the background color of an element to Hex BB75C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB75C7 }
```

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

```
.background{ background-color:#BB75C7 }
```

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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