

Converting Colors

Hex(BB75B5)

Have a look what the booklet for
Hex(BB75B5) contains.

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Color

Hex(BB75B5)

Conversions

Conversions Part 1

Format	Color
Hex	BB75B5
RGB	187, 117, 181
RGB Percent	73%, 46%, 71%
CMY	0.2667, 0.5412, 0.2902
CMYK	0.00, 0.37, 0.03, 0.27
HSL	305°, 34%, 60%
HSV	305°, 37%, 73%
XYZ	35.1953, 26.6236, 46.9999
YIQ	145.2260, 21.1760, 34.7440

Conversions

Conversions Part 2

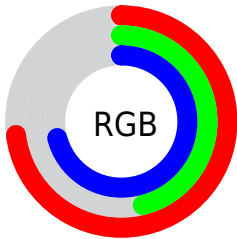
Format	Color
RYB	187, 117, 181
Decimal	12285365
CIELab	58.62, 37.39, -22.49
CIELCh	59, 43.633, 328.977
Yxy	26.6236, 0.3234, 0.2447
Android (android.graphics.Color)	4290475445 (0xFFBB75B5)
YUV	145.2260, 17.6366, 36.6358
Hunter-Lab	51.5980, 31.4593, -17.8878

Details

The Hex color **BB75B5** is a light color, and the websafe version is hex **996699**. A complement of this color would be **75BB7B**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **F4AAED**, and **844280** is the 20% darker color. If you saturate the color by 10%, you get **BB62B3**, and if you desaturate by 10%, it is **BB88B7**.

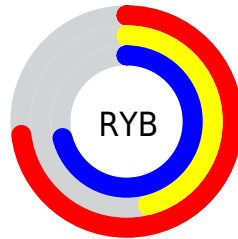
Distribution



Red (73%)

Green (46%)

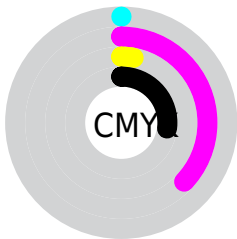
Blue (71%)



Red (73%)

Yellow (46%)

Blue (71%)

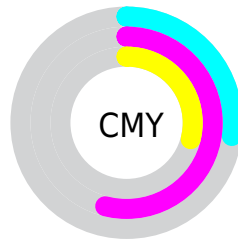


Cyan (0%)

Magenta (37%)

Yellow (3%)

Black (27%)



Cyan (27%)

Magenta (54%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB75B5 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 BB75B5 by changing the saturation by 10% instead.

 BB75B5

 BB75B5

FFFFFF

 9F5B9A

 F4AAED

 844280

 FFC6FF

 6A2A67

 FFE2FF

 51104F

 380037

 240022

 000007

 000000

 BB75B5

 BB75B5

 BB62B3

 BB88B7

 BB50B2

 BB9AB8

 BB3DB0

 BBADBA

 BB2AAF

 BBC0BB

 BB17AD

 BBD3BD

 BB05AB

 BBE5BF

 BB00AB

 BBF8C0

 BBFFC2

 BBFFC3

Harmonies

Analogous

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



8D84D0



BB75B5



D26D90

Triad

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



BB75B5



A58A3E



00A0B1

Complementary

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



BB75B5



75BB7B

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.



00A08A



BB75B5



7E9647

Square

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



BB75B5



C37D4C



4E9D64



009BCE

Rectangle

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



BB75B5



D56E76



4E9D64



00A0A5

Sweetspot

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



BB75B5



F2D8F0



7B75BB



7A6A79



FAFAFA



7A7A7A

Same Dimension

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



BB75B5



F285E9



BB7592



5E555E



9E0091



1F001C

Inverse Universe

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



BB75B5



F285E9



75BB9E



5E555E



9E0091



1F001C

Previews

White Background



This preview shows how the Hex color BB75B5 looks on a white background.

Color Contrast Check

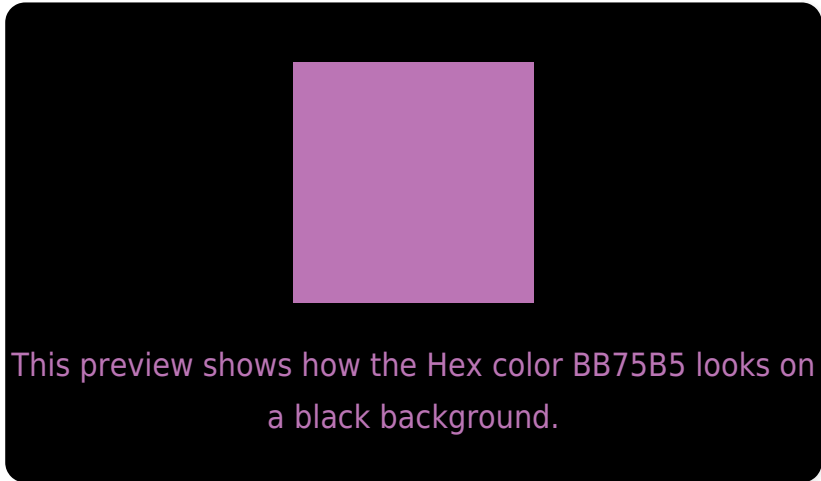
Large Text (above 18pt) WCAG AA ✓ Pass

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

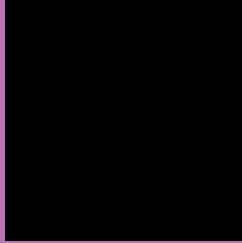
Any Text WCAG AA ✓ Pass

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 BB75B5 Background



This preview shows how black text looks on a background with the Hex color BB75B5.



This preview shows how white text looks on a background with the Hex color BB75B5.

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](#).

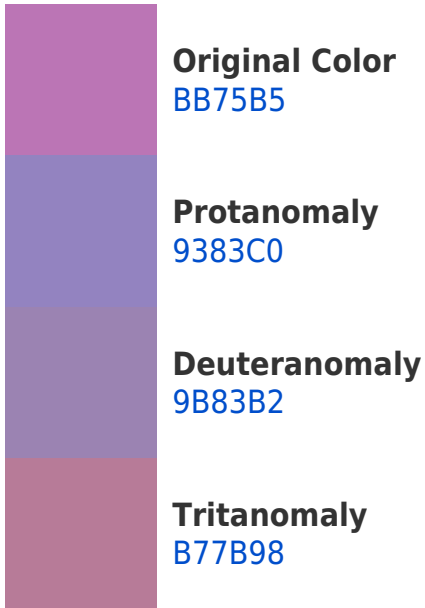
Dichromacy



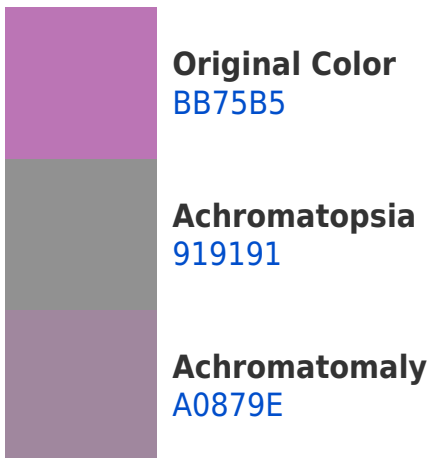


Tritanopia
B57E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB75B5 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 #BB75B5 looks like.

```
.text, #text, p{  
    color:#BB75B5  
}
```

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 #BB75B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB75B5
}
```

Border

The CSS property to change the border of an element to Hex BB75B5 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
#BB75B5 }
```

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

```
.border{ border-color:#BB75B5 }
```

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

Here you see how a box with a 4 pixel #BB75B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB75B5; -webkit-box-shadow:4px 4px  
4px 4px #BB75B5; box-shadow:4px 4px 4px  
4px #BB75B5 }
```

Background

The CSS property to change the background color of an element to Hex BB75B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB75B5 }
```

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

```
.background{ background-color:#BB75B5 }
```

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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