

Converting Colors

Hex(BB61A6)

Have a look what the booklet for
Hex(BB61A6) contains.

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Color

Hex(**BB61A6**)

Conversions

Conversions Part 1

Format	Color
Hex	BB61A6
RGB	187, 97, 166
RGB Percent	73%, 38%, 65%
CMY	0.2667, 0.6196, 0.3490
CMYK	0.00, 0.48, 0.11, 0.27
HSL	314°, 40%, 56%
HSV	314°, 48%, 73%
XYZ	31.6511, 21.8674, 38.6290
YIQ	131.7760, 31.4910, 40.5390

Conversions

Conversions Part 2

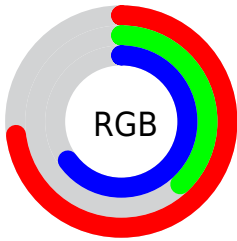
Format	Color
RYB	187, 97, 166
Decimal	12280230
CIELab	53.89, 45.33, -21.09
CIELCh	54, 50.000, 335.051
Yxy	21.8674, 0.3435, 0.2373
Android (android.graphics.Color)	4290470310 (0xFFBB61A6)
YUV	131.7760, 16.8724, 48.4314
Hunter-Lab	46.7625, 38.9829, -16.2438

Details

The Hex color **BB61A6** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **61BB76**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **F596DD**, and **842D72** is the 20% darker color. If you saturate the color by 10%, you get **BB4EA2**, and if you desaturate by 10%, it is **BB74AA**.

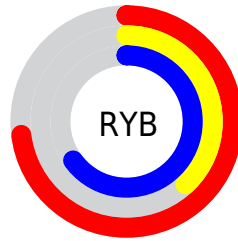
Distribution



Red (73%)

Green (38%)

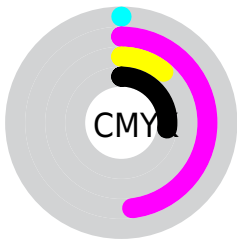
Blue (65%)



Red (73%)

Yellow (38%)

Blue (65%)

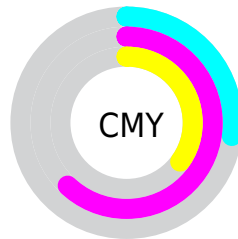


Cyan (0%)

Magenta (48%)

Yellow (11%)

Black (27%)



Cyan (27%)

Magenta (62%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB61A6 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 BB61A6 by changing the saturation by 10% instead.

 BB61A6

 BB61A6

FFFFFF

 9F478C

 F596DD

 842D72

 FFB2FA

 690F59

 FFCEFF

 4F0042

 FFE8FF

 36002B

 1C0016

 000000

 BB61A6

 BB61A6

 BB4EA2

 BB74AA

 BB3C9D

 BB86AF

 BB2999

 BB99B3

 BB1695

 BBACB7

 BB0490

 BBBFBC

 BB008F

 BBD1C0

 BBE4C5

 BBF7C9

 BBFFCD

Harmonies

Analogous

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



8C72C8



BB61A6



CF597B

Triad

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



BB61A6



918124



0095B1

Complementary

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



BB61A6



61BB76

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.



009687



BB61A6



648C36

Square

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



BB61A6



B57131



1A935B



008FCF

Rectangle

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



BB61A6



CF5D5F



1A935B



0095A4

Sweetspot

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



BB61A6



F2D0EA



7661BB



7A6676



FAFAFA



7A7A7A

Same Dimension

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



BB61A6



F266D1



BB6179



5E555C



9E0079



1F0017

Inverse Universe

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



BB61A6



F266D1



61BBA3



5E555C



9E0079



1F0017

Previews

White Background



This preview shows how the Hex color BB61A6 looks on a white background.

Color Contrast Check

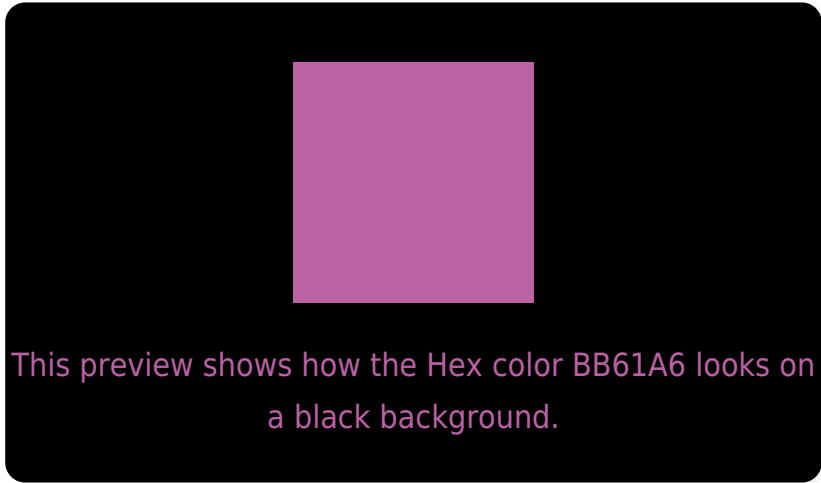
Large Text (above 18pt) WCAG AA ✓ Pass

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

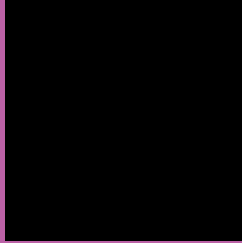
Any Text WCAG AA ✓ Pass

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 BB61A6 Background



This preview shows how black text looks on a background with the Hex color BB61A6.

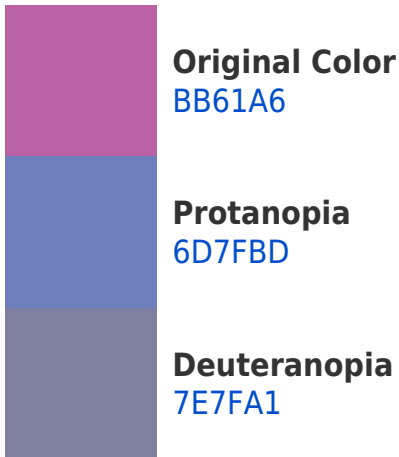



This preview shows how white text looks on a background with the Hex color BB61A6.

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
B56C74

Trichromacy



Original Color
BB61A6



Protanomaly
8974B5



Deuteranomaly
9474A3

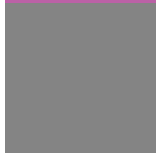


Tritanomaly
B76886

Monochromacy



Original Color
BB61A6



Achromatopsia
848484



Achromatomaly
987790

CSS Examples

Text

The CSS property to change the color of the text to Hex BB61A6 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 #BB61A6 looks like.

```
.text, #text, p{  
    color:#BB61A6  
}
```

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 #BB61A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB61A6
}
```

Border

The CSS property to change the border of an element to Hex BB61A6 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
#BB61A6 }
```

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

```
.border{ border-color:#BB61A6 }
```

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

Here you see how a box with a 4 pixel #BB61A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB61A6; -webkit-box-shadow:4px 4px  
4px 4px #BB61A6; box-shadow:4px 4px 4px  
4px #BB61A6 }
```

Background

The CSS property to change the background color of an element to Hex BB61A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB61A6 }
```

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

```
.background{ background-color:#BB61A6 }
```

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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