

# Converting Colors

Hex(BC65AC)

Have a look what the booklet for  
Hex(BC65AC) contains.

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# Color

Hex(**BC65AC**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BC65AC
RGB	188, 101, 172
RGB Percent	74%, 40%, 67%
CMY	0.2627, 0.6039, 0.3255
CMYK	0.00, 0.46, 0.09, 0.26
HSL	311°, 39%, 57%
HSV	311°, 46%, 74%
XYZ	32.8391, 22.9773, 41.7340
YIQ	135.1070, 29.0610, 40.5250

# Conversions

## Conversions Part 2

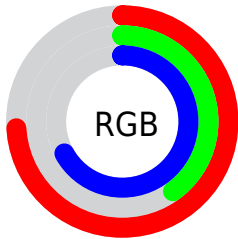
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">188, 101, 172</a>
Decimal	<a href="#">12346796</a>
CIELab	<a href="#">55.05, 44.60, -22.78</a>
CIELCh	<a href="#">55, 50.086, 332.944</a>
Yxy	<a href="#">22.9773, 0.3366, 0.2355</a>
Android (android.graphics.Color)	<a href="#">4290536876 (0xFFBC65AC)</a>
YUV	<a href="#">135.1070, 18.1882, 46.3872</a>
Hunter-Lab	<a href="#">47.9346, 38.4014, -18.0662</a>

# Details

The Hex color **BC65AC** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **65BC75**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **F69AE4**, and **853177** is the 20% darker color. If you saturate the color by 10%, you get **BC52A9**, and if you desaturate by 10%, it is **BC78AF**.

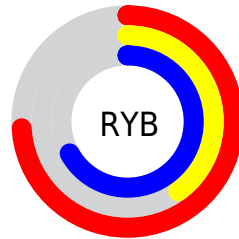
# Distribution



Red (74%)

Green (40%)

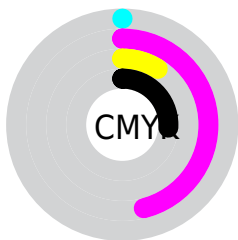
Blue (67%)



Red (74%)

Yellow (40%)

Blue (67%)

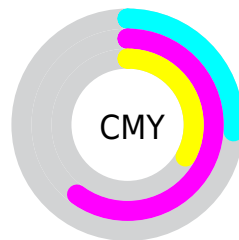


Cyan (0%)

Magenta (46%)

Yellow (9%)

Black (26%)



Cyan (26%)

Magenta (60%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC65AC 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 BC65AC by changing the saturation by 10% instead.



 BC65AC

 BC65AC

FFFFFF

 A04B91

 F69AE4

 853177

 FFB6FF

 6A155F

 FFD2FF

 500047

 FFEFFF

 370030

 1F001B

 000000

 BC65AC

 BC65AC

 BC52A9

 BC78AF

 BC3FA5

 BC8BB3

 BC2DA2

 BC9DB6

 BC1A9E

 BCB0BA

 BC079B

 BCC3BD

 BC0099

 BCD6C1

 BCE9C4

 BCFBC8

 BCFFCB

# Harmonies

## Analogous

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



8B77CD



BC65AC



D25C81

# Triad

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



BC65AC



978326



0098B2

# Complementary

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



BC65AC



65BC75

# 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.



009987



BC65AC



6B8F36

# Square

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



BC65AC



BA7335



28965A



0092D0

# Rectangle

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



BC65AC



D35F64



28965A



0099A4



# Sweetspot

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



BC65AC



F5D3EE



7565BC



7A6677



FAFAFA



7A7A7A



# Same Dimension

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



BC65AC



F56CDC



BC6581



5E555D



9E0081



1F0019



# Inverse Universe

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



BC65AC



F56CDC



65BCA0



5E555D



9E0081



1F0019



# Previews

## White Background



This preview shows how the Hex color BC65AC looks on a white background.

## Color Contrast Check

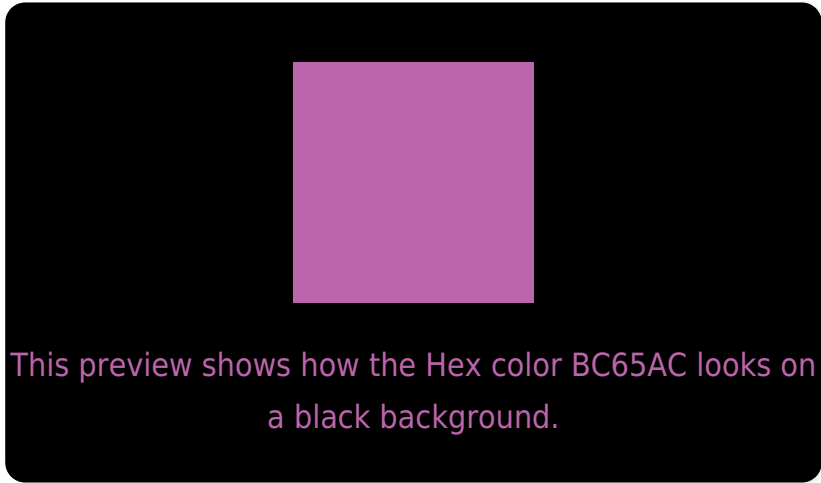
Large Text (above 18pt) WCAG AA ✓ Pass

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

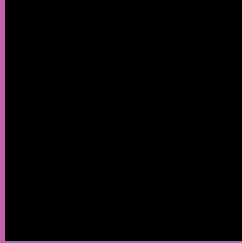
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BC65AC Background



This preview shows how black text looks on a background with the Hex color BC65AC.

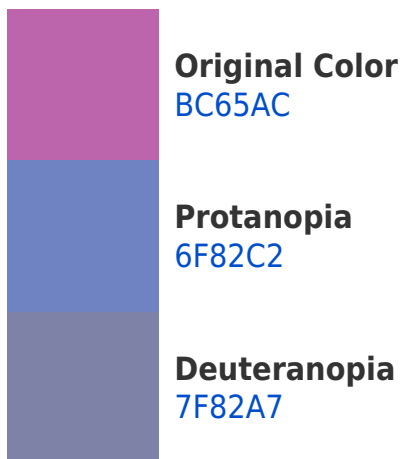


This preview shows how white text looks on a background with the Hex color BC65AC.

# 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**  
B67079

# Trichromacy



**Original Color**  
BC65AC



**Protanomaly**  
8B77BA



**Deuteranomaly**  
9577A9



**Tritanomaly**  
B86C8C

# Monochromacy



**Original Color**  
BC65AC



**Achromatopsia**  
878787



**Achromatomaly**  
9A7B94

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC65AC 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 #BC65AC looks like.

```
.text, #text, p{  
    color:#BC65AC  
}
```

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 #BC65AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC65AC
}
```

## Border

The CSS property to change the border of an element to Hex BC65AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

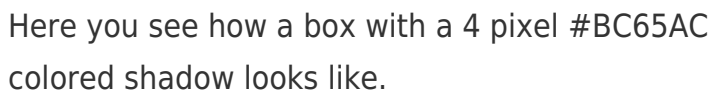
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC65AC }
```

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

```
.border{ border-color:#BC65AC }
```

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



Here you see how a box with a 4 pixel `#BC65AC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC65AC; -webkit-box-shadow:4px 4px  
4px 4px #BC65AC; box-shadow:4px 4px 4px  
4px #BC65AC }
```

# Background

The CSS property to change the background color of an element to Hex BC65AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC65AC }
```

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

```
.background{ background-color:#BC65AC }
```

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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