

Converting Colors

Hex(BC65B9)

Have a look what the booklet for
Hex(BC65B9) contains.

Hex(BC65B9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**BC65B9**)

Conversions

Conversions Part 1

Format	Color
Hex	BC65B9
RGB	188, 101, 185
RGB Percent	74%, 40%, 73%
CMY	0.2627, 0.6039, 0.2745
CMYK	0.00, 0.46, 0.02, 0.26
HSL	302°, 39%, 57%
HSV	302°, 46%, 74%
XYZ	34.1497, 23.5015, 48.6353
YIQ	136.5890, 24.8880, 44.5680

Conversions

Conversions Part 2

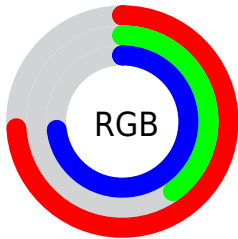
Format	Color
RYB	188, 101, 185
Decimal	12346809
CIELab	55.59, 46.90, -29.46
CIELCh	56, 55.385, 327.864
Yxy	23.5015, 0.3213, 0.2211
Android (android.graphics.Color)	4290536889 (0xFFBC65B9)
YUV	136.5890, 23.8666, 45.0874
Hunter-Lab	48.4784, 40.9039, -25.5471

Details

The Hex color **BC65B9** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **65BC68**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **F69BF1**, and **853184** is the 20% darker color. If you saturate the color by 10%, you get **BC52B8**, and if you desaturate by 10%, it is **BC78BA**.

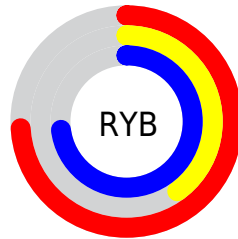
Distribution



Red (74%)

Green (40%)

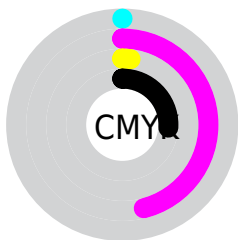
Blue (73%)



Red (74%)

Yellow (40%)

Blue (73%)

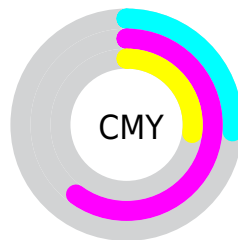


Cyan (0%)

Magenta (46%)

Yellow (2%)

Black (26%)



Cyan (26%)

Magenta (60%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC65B9 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 BC65B9 by changing the saturation by 10% instead.

 BC65B9

 BC65B9

FFFFFF

 A04B9E

 F69BF1

 853184

 FFB6FF

 6A146A

 FFD2FF

 500052

 FFEFFF

 37003A

 1F0024

 00000B

 000000

 BC65B9

 BC65B9

 BC52B8

 BC78BA

 BC3FB8

 BC8BBA

 BC2DB7

 BC9DBB

 BC1AB6

 BCB0BC

 BC07B6

 BCC3BC

 BC00B6

 BCD6BD

 BCE9BE

 BCFBBE

 BCFFBF

Harmonies

Analogous

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



7F7ADB



BC65B9



D9588B

Triad

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



BC65B9



A1821A



009CB1

Complementary

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



BC65B9



65BC68

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.



009C80



BC65B9



728F28

Square

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



BC65B9



C56F33



2B984F



0097D6

Rectangle

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



BC65B9



DC596A



2B984F



009CA1

Sweetspot

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



BC65B9



F5D3F4



6865BC



7A667A



F9FAFA



7A7A7A

Same Dimension

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



BC65B9



F56CF0



BC658E



5E555E



9E0099



1F001E

Inverse Universe

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



BC65B9



F56CF0



65BC93



5E555E



9E0099



1F001E

Previews

White Background



This preview shows how the Hex color BC65B9 looks on a white background.

Color Contrast Check

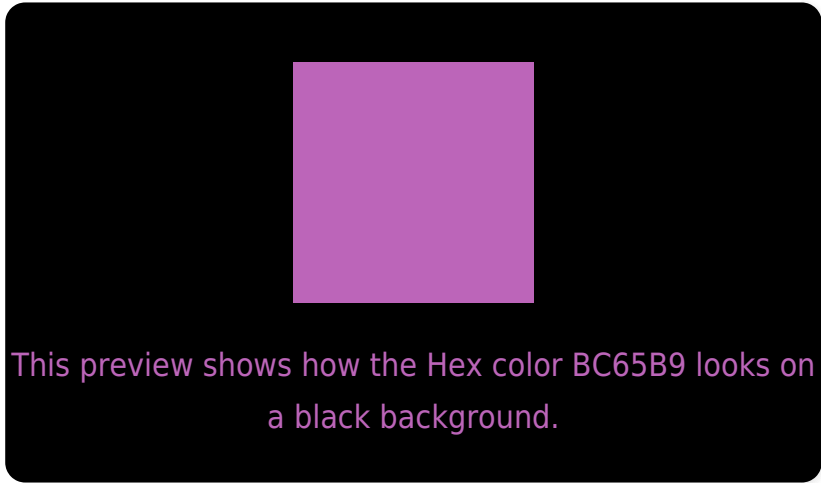
Large Text (above 18pt) WCAG AA ✓ Pass

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

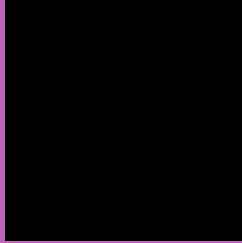
Any Text WCAG AA ✓ Pass

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 BC65B9 Background



This preview shows how black text looks on a background with the Hex color BC65B9.

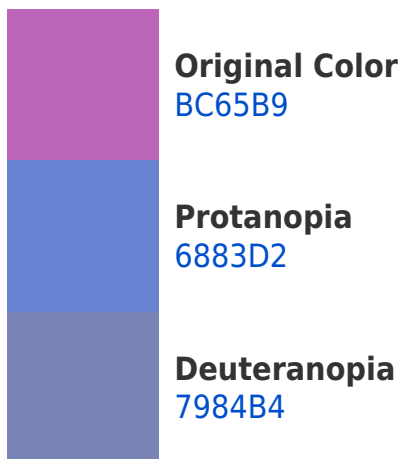



This preview shows how white text looks on a background with the Hex color BC65B9.

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](#).

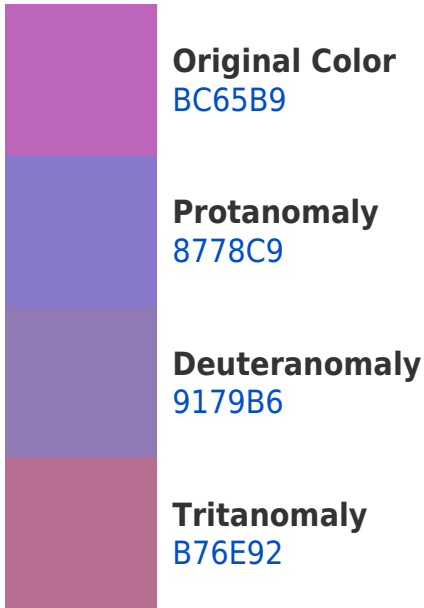
Dichromacy





Tritanopia
B4737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BC65B9 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 #BC65B9 looks like.

```
.text, #text, p{  
    color:#BC65B9  
}
```

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 #BC65B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC65B9
}
```

Border

The CSS property to change the border of an element to Hex BC65B9 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
#BC65B9 }
```

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

```
.border{ border-color:#BC65B9 }
```

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

Here you see how a box with a 4 pixel #BC65B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC65B9; -webkit-box-shadow:4px 4px  
4px 4px #BC65B9; box-shadow:4px 4px 4px  
4px #BC65B9 }
```

Background

The CSS property to change the background color of an element to Hex BC65B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC65B9 }
```

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

```
.background{ background-color:#BC65B9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor