

Converting Colors

Hex(B163B9)

Have a look what the booklet for
Hex(B163B9) contains.

Hex(B163B9)	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(B163B9)

Conversions

Conversions Part 1

Format	Color
Hex	B163B9
RGB	177, 99, 185
RGB Percent	69%, 39%, 73%
CMY	0.3059, 0.6118, 0.2745
CMYK	0.04, 0.46, 0.00, 0.27
HSL	294°, 38%, 56%
HSV	294°, 46%, 73%
XYZ	31.3503, 21.7736, 48.4493
YIQ	132.1260, 18.8820, 43.2820

Conversions

Conversions Part 2

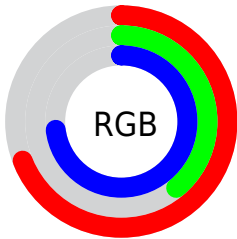
Format	Color
R_{YB}	177, 99, 185
Decimal	11625401
CIE _{Lab}	53.79, 44.66, -32.37
CIE _{LCh}	54, 55.159, 324.069
Yxy	21.7736, 0.3086, 0.2144
Android (android.graphics.Color)	4289815481 (0xFFB163B9)
YUV	132.1260, 26.0669, 39.3545
Hunter-Lab	46.6622, 38.2675, -28.8973

Details

The Hex color **B163B9** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6BB963**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **EA98F1**, and **7A3084** is the 20% darker color. If you saturate the color by 10%, you get **AF51B9**, and if you desaturate by 10%, it is **B376B9**.

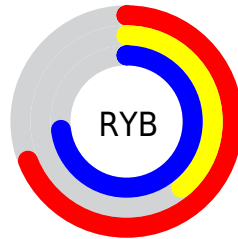
Distribution



Red (69%)

Green (39%)

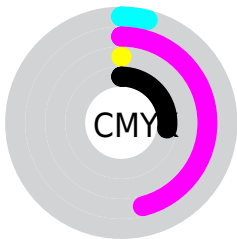
Blue (73%)



Red (69%)

Yellow (39%)

Blue (73%)

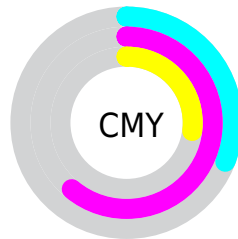


Cyan (4%)

Magenta (46%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (61%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color B163B9 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 B163B9 by changing the saturation by 10% instead.

 B163B9

 B163B9

FFFFFF

 95499E

 EA98F1

 7A3084

 FFB4FF

 60146A

 FFD0FF

 460051

 FFECFF

 2E003A

 120024

 00000B

 000000

 B163B9

 B163B9

AF51B9

B376B9

AE3EB9

B488B9

AC2CB9

B69BB9

AA19B9

B8ADB9

A806B9

BAC0B9

A800B9

BBD2B9

BDE5B9

BFF7B9

C0FFB9

Harmonies

Analogous

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



7078D8



B163B9



D1548C

Triad

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



B163B9



A17B16



0097A6

Complementary

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



B163B9



6BB963

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.



009775



B163B9



74891F

Square

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



B163B9



C36833



339246



0093CD

Rectangle

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



B163B9



D7546C



339246



009796

Sweetspot

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



B163B9



EDCEF0



636CB9



766378



F7F7F7



787878

Same Dimension

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



B163B9



E369F0



B96397



5B535C



8D009C



19001C

Inverse Universe

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



B9636B



F06976



63B985



5C5353



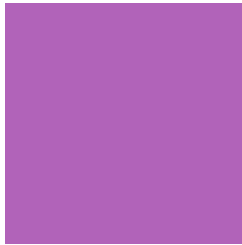
9C000E



1C0003

Previews

White Background



This preview shows how the Hex color B163B9 looks on a white background.

Color Contrast Check

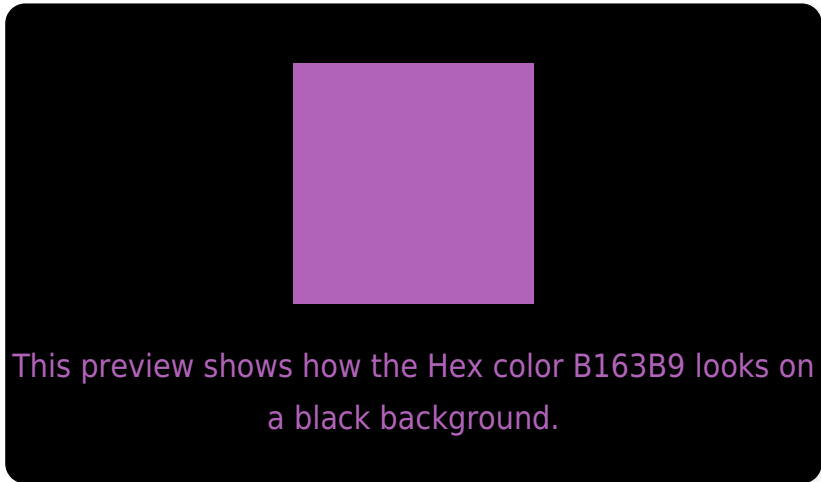
Large Text (above 18pt) WCAG AA ✓ Pass

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

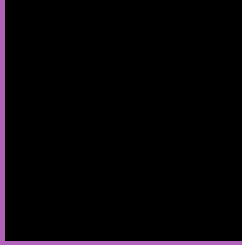
Any Text WCAG AA ✓ Pass

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 B163B9 Background



This preview shows how black text looks on a background with the Hex color B163B9.

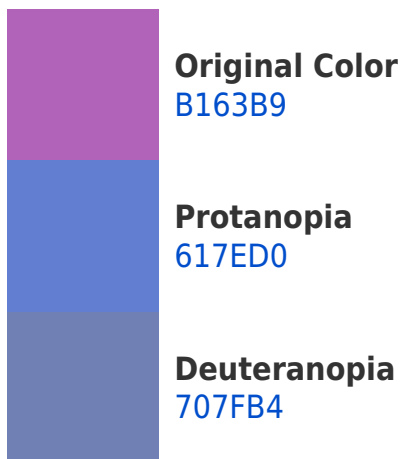


This preview shows how white text looks on a background with the Hex color B163B9.

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
A9727A

Trichromacy



Original Color
B163B9



Protanomaly
7E74C8



Deuteranomaly
8875B6



Tritanomaly
AC6D91

Monochromacy



Original Color
B163B9



Achromatopsia
848484



Achromatomaly
947897

CSS Examples

Text

The CSS property to change the color of the text to Hex B163B9 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 #B163B9 looks like.

```
.text, #text, p{  
    color:#B163B9  
}
```

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 #B163B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B163B9
}
```

Border

The CSS property to change the border of an element to Hex B163B9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

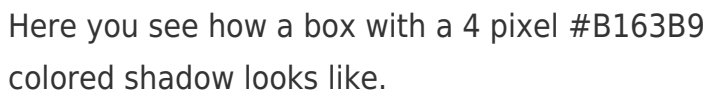
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B163B9 }
```

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

```
.border{ border-color:#B163B9 }
```

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



Here you see how a box with a 4 pixel #B163B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B163B9; -webkit-box-shadow:4px 4px  
4px 4px #B163B9; box-shadow:4px 4px 4px  
4px #B163B9 }
```

Background

The CSS property to change the background color of an element to Hex B163B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B163B9 }
```

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

```
.background{ background-color:#B163B9 }
```

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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