

Converting Colors

Hex(B03CAC)

Have a look what the booklet for
Hex(B03CAC) contains.

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Color

Hex(**B03CAC**)

Conversions

Conversions Part 1

Format	Color
Hex	B03CAC
RGB	176, 60, 172
RGB Percent	69%, 24%, 67%
CMY	0.3098, 0.7647, 0.3255
CMYK	0.00, 0.66, 0.02, 0.31
HSL	302°, 49%, 46%
HSV	302°, 66%, 69%
XYZ	26.9667, 15.4404, 40.5887
YIQ	107.4520, 33.1840, 59.4240

Conversions

Conversions Part 2

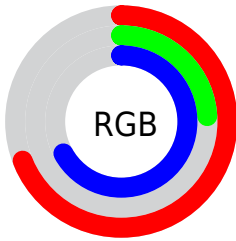
Format	Color
R_{YB}	176, 60, 172
Decimal	11549868
CIE _{Lab}	46.23, 60.31, -36.64
CIE _{LCh}	46, 70.569, 328.718
Yxy	15.4404, 0.3249, 0.1860
Android (android.graphics.Color)	4289739948 (0xFFB03CAC)
YUV	107.4520, 31.8222, 60.1166
Hunter-Lab	39.2943, 53.7355, -33.7372

Details

The Hex color **B03CAC** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3CB040**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **EA74E4**, and **780077** is the 20% darker color. If you saturate the color by 10%, you get **B02AAB**, and if you desaturate by 10%, it is **B04EAD**.

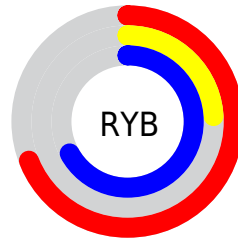
Distribution



Red (69%)

Green (24%)

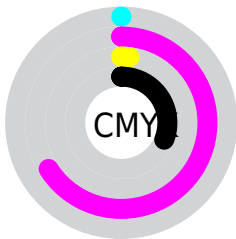
Blue (67%)



Red (69%)

Yellow (24%)

Blue (67%)

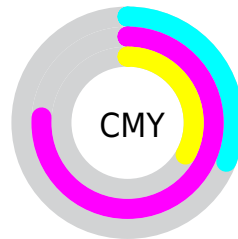


Cyan (0%)

Magenta (66%)

Yellow (2%)

Black (31%)



Cyan (31%)

Magenta (76%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color B03CAC 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 B03CAC by changing the saturation by 10% instead.

 B03CAC

 B03CAC

FFFFFF

 941C91

 EA74E4

 780077

 FF90FF

 5D005E

 FFACFF

 420046

 FFC9FF

 29002F

 FFE6FF

 000019

 000000

 B03CAC

 B03CAC

 B02AAB

 B04EAD

 B019AB

 B05FAD

 B007AA

 B071AE

 B000AA

 B082AE

 B094AF

 B0A6B0

 B0B7B0

 B0C9B1

 B0DAB1

Harmonies

Analogous

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



5F5FD7



B03CAC



D01A73

Triad

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



B03CAC



876A00



0087A5

Complementary

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



B03CAC



3CB040

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.



008669



B03CAC



4D7A00

Square

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



B03CAC



B45100



00832A



0082D3

Rectangle

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



B03CAC



D3224C



00832A



008792

Sweetspot

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



B03CAC



E6B8E4



403CB0



735772



F2F2F2



737373

Same Dimension

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



B03CAC



E630DF



B03C72



595059



990094



1A0019

Inverse Universe

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



B03CAC



E630DF



3CB07A



595059



990094



1A0019

Previews

White Background



This preview shows how the Hex color B03CAC looks on a white background.

Color Contrast Check

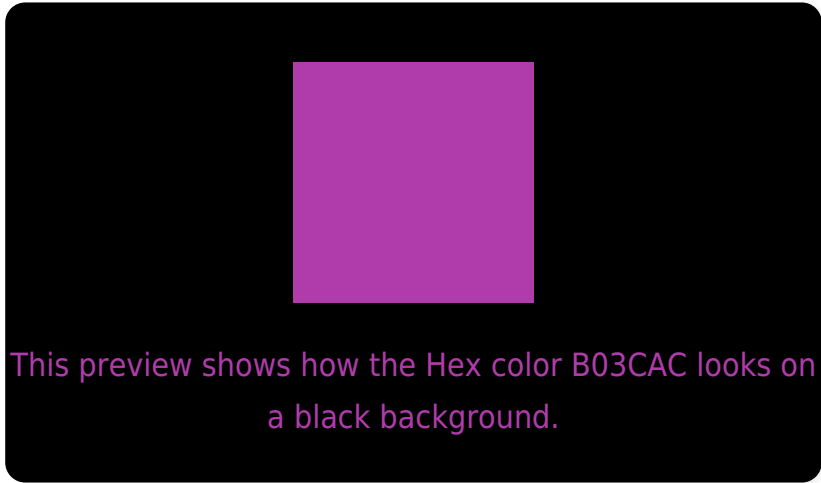
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

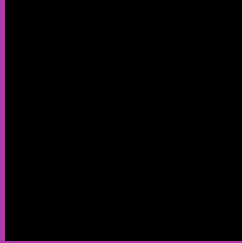
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex B03CAC Background



This preview shows how black text looks on a background with the Hex color B03CAC.

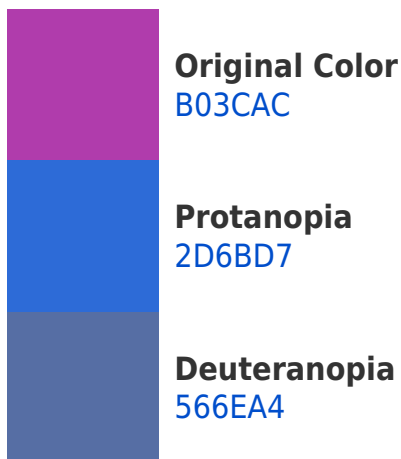


This preview shows how white text looks on a background with the Hex color B03CAC.

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
A7555B

Trichromacy



Original Color
B03CAC



Protanomaly
5D5AC7



Deuteranomaly
775CA7



Tritanomaly
AA4C78

Monochromacy



Original Color
B03CAC



Achromatopsia
6B6B6B



Achromatomaly
845A83

CSS Examples

Text

The CSS property to change the color of the text to Hex B03CAC 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 #B03CAC looks like.

```
.text, #text, p{  
    color:#B03CAC  
}
```

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 #B03CAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B03CAC
}
```

Border

The CSS property to change the border of an element to Hex B03CAC is called "border". The border property can be set on classes, ids or directly on the HTML element.

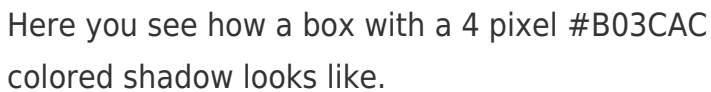
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B03CAC }
```

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

```
.border{ border-color:#B03CAC }
```

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



Here you see how a box with a 4 pixel #B03CAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B03CAC; -webkit-box-shadow:4px 4px  
4px 4px #B03CAC; box-shadow:4px 4px 4px  
4px #B03CAC }
```

Background

The CSS property to change the background color of an element to Hex B03CAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B03CAC }
```

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

```
.background{ background-color:#B03CAC }
```

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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