

Converting Colors

Hex(B123DC)

Have a look what the booklet for
Hex(B123DC) contains.

Hex(B123DC)	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(B123DC)

Conversions

Conversions Part 1

Format	Color
Hex	B123DC
RGB	177, 35, 220
RGB Percent	69%, 14%, 86%
CMY	0.3059, 0.8627, 0.1373
CMYK	0.20, 0.84, 0.00, 0.14
HSL	286°, 73%, 50%
HSV	286°, 84%, 86%
XYZ	31.6508, 15.7165, 69.0755
YIQ	98.5480, 25.2470, 87.6390

Conversions

Conversions Part 2

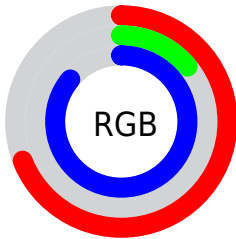
Format	Color
R_{YB}	177, 35, 220
Decimal	11609052
CIE _{Lab}	46.60, 76.74, -63.92
CIE _{LCh}	47, 99.871, 320.207
Yxy	15.7165, 0.2718, 0.1350
Android (android.graphics.Color)	4289799132 (0xFFB123DC)
YUV	98.5480, 59.8758, 68.8024
Hunter-Lab	39.6440, 73.1328, -75.5558

Details

The Hex color **B123DC** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **4EDC23**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **ED65FF**, and **7700A4** is the 20% darker color. If you saturate the color by 10%, you get **AC0DDC**, and if you desaturate by 10%, it is **B639DC**.

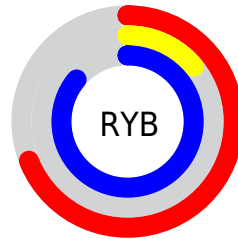
Distribution



Red (69%)

Green (14%)

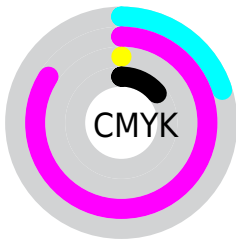
Blue (86%)



Red (69%)

Yellow (14%)

Blue (86%)

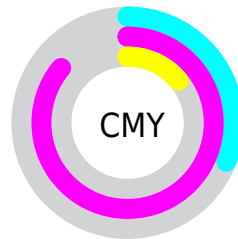


Cyan (20%)

Magenta (84%)

Yellow (0%)

Black (14%)



Cyan (31%)

Magenta (86%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color B123DC 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 B123DC by changing the saturation by 10% instead.

 B123DC

 B123DC

FFFFFF

 9400C0

 ED65FF

 7700A4

 FF82FF

 590089

 FF9FFF

 3C006E

 FFBCFF

 1E0055

 FFDAFF

 00003D

 FFF8FF

 000226

 00010F

 000000

 B123DC

 B123DC

 AC0DDC

 B639DC

 A900DC

 BB4FDC

 C065DC

 C57BDC

 CB91DC

 D0A7DC

 D5BDDC

 DAD3DC

 DFE9DC

Harmonies

Analogous

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



0066FF



B123DC



EE008E

Triad

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



B123DC



9E6200



008EA7

Complementary

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



B123DC



4EDC23

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.



008C4F



B123DC



507B00

Square

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



B123DC



D62800



008700



008DF1

Rectangle

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



B123DC



F80057



008700



008E8A

Sweetspot

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



B123DC



F0BFFF



234EDC



775980



000000



808080

Same Dimension

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



B123DC



C400FF



DC23AB



6B636E



8500AD



23002E

Inverse Universe

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



DC234E



FF003B



23DC54



6E6365



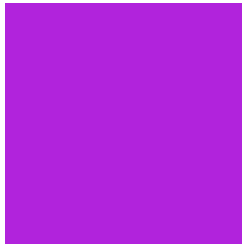
AD0028



2E000B

Previews

White Background



This preview shows how the Hex color B123DC 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

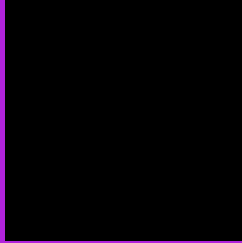
Any Text WCAG AA × Fail

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 B123DC Background



This preview shows how black text looks on a background with the Hex color B123DC.

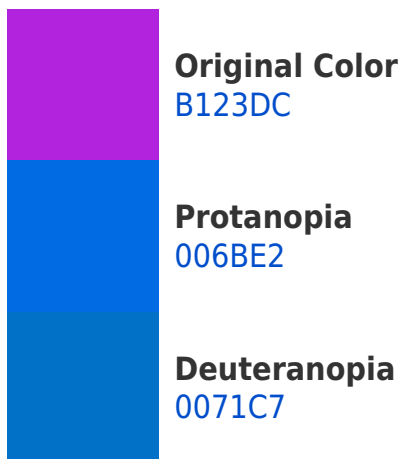


This preview shows how white text looks on a background with the Hex color B123DC.

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](#).

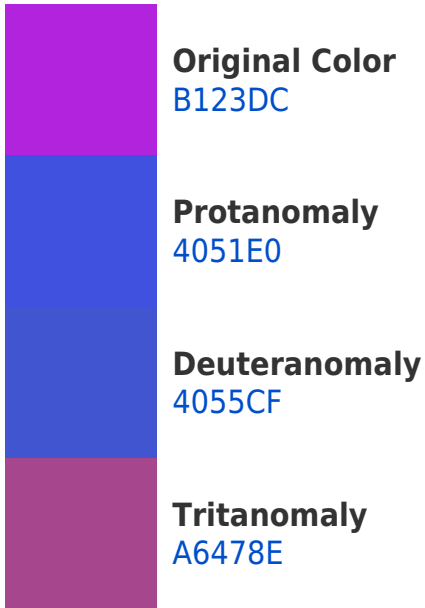
Dichromacy





Tritanopia
9F5B61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B123DC 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 #B123DC looks like.

```
.text, #text, p{  
    color:#B123DC  
}
```

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 #B123DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B123DC
}
```

Border

The CSS property to change the border of an element to Hex B123DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

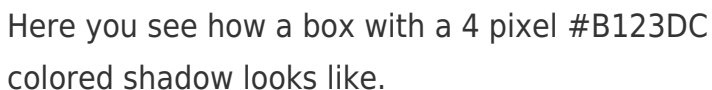
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B123DC }
```

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

```
.border{ border-color:#B123DC }
```

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



Here you see how a box with a 4 pixel #B123DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B123DC; -webkit-box-shadow:4px 4px  
4px 4px #B123DC; box-shadow:4px 4px 4px  
4px #B123DC }
```

Background

The CSS property to change the background color of an element to Hex B123DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B123DC }
```

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

```
.background{ background-color:#B123DC }
```

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](#)