

Converting Colors

Hex(B253BC)

Have a look what the booklet for
Hex(B253BC) contains.

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Color

Hex(B253BC)

Conversions

Conversions Part 1

Format	Color
Hex	B253BC
RGB	178, 83, 188
RGB Percent	70%, 33%, 74%
CMY	0.3020, 0.6745, 0.2627
CMYK	0.05, 0.56, 0.00, 0.26
HSL	294°, 44%, 53%
HSV	294°, 56%, 74%
XYZ	30.5305, 19.2823, 49.6897
YIQ	123.3750, 22.9150, 52.7950

Conversions

Conversions Part 2

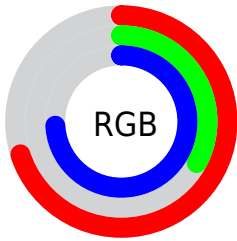
Format	Color
R_{YB}	178, 83, 188
Decimal	11686844
CIE _{Lab}	51.02, 53.57, -38.44
CIE _{LCh}	51, 65.929, 324.339
Yxy	19.2823, 0.3068, 0.1938
Android (android.graphics.Color)	4289876924 (0xFFB253BC)
YUV	123.3750, 31.8601, 47.9061
Hunter-Lab	43.9117, 47.2603, -36.3534




Details

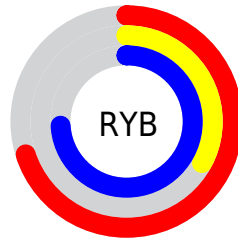
The Hex color **B253BC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **5DBC53**, and the grayscale version is **7B7B7B**.




A 20% lighter version of the original color is **EC89F5**, and **7A1A86** is the 20% darker color. If you saturate the color by 10%, you get **B040BC**, and if you desaturate by 10%, it is **B466BC**.

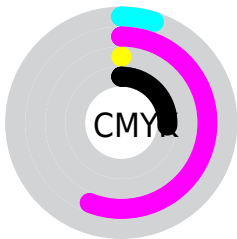
Distribution







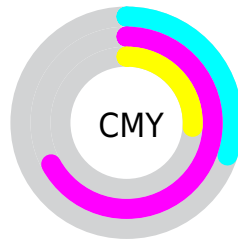
-  Red (70%)
-  Green (33%)
-  Blue (74%)






-  Red (70%)
-  Yellow (33%)
-  Blue (74%)



-  Cyan (5%)
-  Magenta (56%)
-  Yellow (0%)
-  Black (26%)



-  Cyan (30%)
-  Magenta (67%)
-  Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color B253BC 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 B253BC by changing the saturation by 10% instead.

 B253BC

 B253BC

FFFFFF

 9638A1

 EC89F5

 7A1A86

 FFA4FF

 60006C

 FFC0FF

 450054

 FFDDFF

 2E003C

 FFFAFF

 0A0025

 00010E

 000000

 B253BC

 B253BC

 B040BC

 B466BC

 AE2DBC

 B679BC

 AD1BBC

 B78BBC

 AB08BC

 B99EBC

 AA00BC

 BBB1BC

 BDC4BC

 BFD7BC

 C0E9BC

 C2FCBC

Harmonies

Analogous

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



5F6FE1



B253BC



D73B87

Triad

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



B253BC



9B7300



0093A7

Complementary

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



B253BC



5DBC53

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.



00926D



B253BC



668400

Square

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



B253BC



C45B19



008D32



008FD5

Rectangle

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



B253BC



DC3B61



008D32



009394

Sweetspot

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



B253BC



F1CBF5



535DBC



78627A



FAFAFA



7A7A7A

Same Dimension

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



B253BC



E551F5



BC5392



5D555E



8F009E



1C001F

Inverse Universe

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



BC535D



F55160



53BC7D



5E5556



9E000F



1F0003

Previews

White Background



This preview shows how the Hex color B253BC looks on a white background.

Color Contrast Check

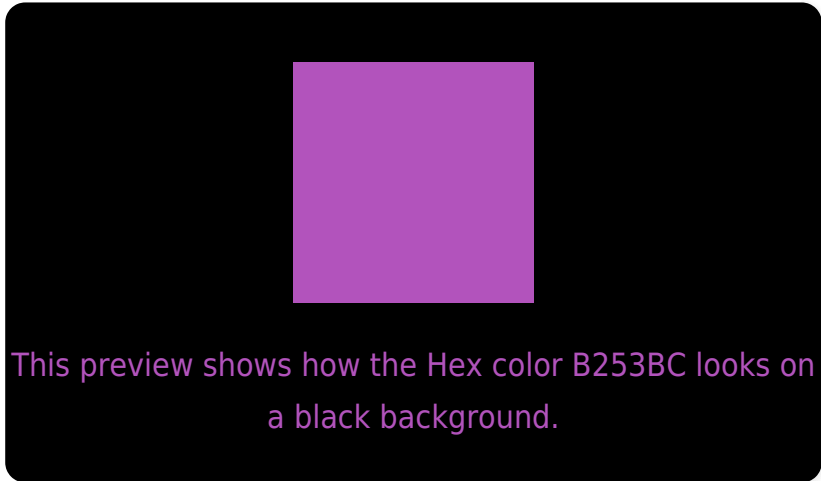
Large Text (above 18pt) WCAG AA ✓ Pass

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

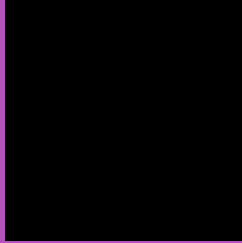
Any Text WCAG AA ✓ Pass

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 B253BC Background



This preview shows how black text looks on a background with the Hex color B253BC.

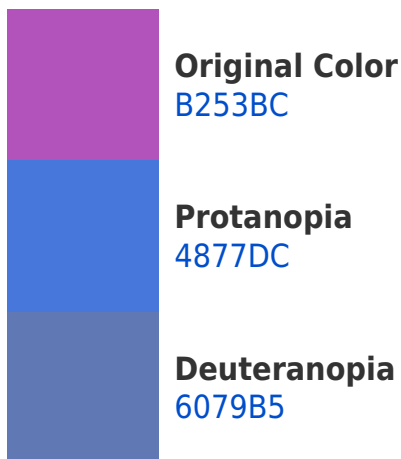



This preview shows how white text looks on a background with the Hex color B253BC.

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](#).

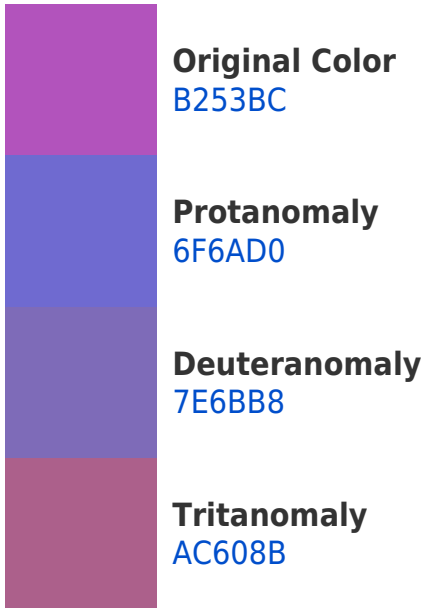
Dichromacy





Tritanopia
A8676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B253BC 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 #B253BC looks like.

```
.text, #text, p{  
    color:#B253BC  
}
```

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 #B253BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B253BC
}
```

Border

The CSS property to change the border of an element to Hex B253BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

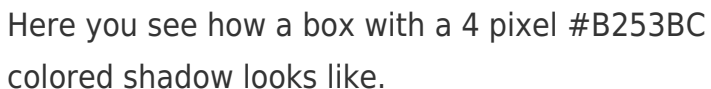
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B253BC }
```

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

```
.border{ border-color:#B253BC }
```

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



Here you see how a box with a 4 pixel #B253BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B253BC; -webkit-box-shadow:4px 4px  
4px 4px #B253BC; box-shadow:4px 4px 4px  
4px #B253BC }
```

Background

The CSS property to change the background color of an element to Hex B253BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B253BC }
```

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

```
.background{ background-color:#B253BC }
```

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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