

Converting Colors

Hex(B453C3)

Have a look what the booklet for
Hex(B453C3) contains.

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Color

Hex(B453C3)

Conversions

Conversions Part 1

Format	Color
Hex	B453C3
RGB	180, 83, 195
RGB Percent	71%, 33%, 76%
CMY	0.2941, 0.6745, 0.2353
CMYK	0.08, 0.57, 0.00, 0.24
HSL	292°, 48%, 55%
HSV	292°, 57%, 76%
XYZ	31.7660, 19.8299, 53.7831
YIQ	124.7710, 21.8600, 55.3960

Conversions

Conversions Part 2

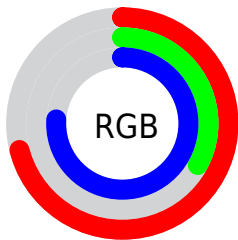
Format	Color
R_{YB}	180, 83, 195
Decimal	11817923
CIE _{Lab}	51.64, 55.41, -41.47
CIE _{LCh}	52, 69.213, 323.191
Yxy	19.8299, 0.3014, 0.1882
Android (android.graphics.Color)	4290008003 (0xFFB453C3)
YUV	124.7710, 34.6229, 48.4358
Hunter-Lab	44.5308, 49.4037, -40.4372

Details

The Hex color **B453C3** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **62C353**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **EE89FC**, and **7C198D** is the 20% darker color. If you saturate the color by 10%, you get **B140C3**, and if you desaturate by 10%, it is **B767C3**.

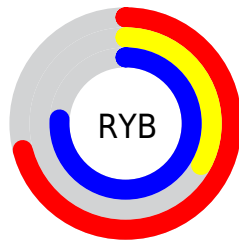
Distribution



Red (71%)

Green (33%)

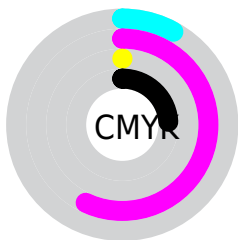
Blue (76%)



Red (71%)

Yellow (33%)

Blue (76%)

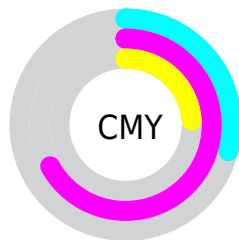


Cyan (8%)

Magenta (57%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (67%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color B453C3 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 B453C3 by changing the saturation by 10% instead.

 B453C3

 B453C3

FFFFFF

 9838A7

 EE89FC

 7C198D

 FFA5FF

 610073

 FFC1FF

 47005A

 FFDEFF

 2F0042

 FFFBFF

 0E002B

 000115

 000000

 B453C3

 B453C3

 B140C3

 B767C3

 AF2CC3

 B97AC3

 AC18C3

 BC8EC3

 AA05C3

 BEA1C3

 A900C3

 C1B5C3

 C4C8C3

 C6DBC3

 C9EFC3

 CCFFC3

Harmonies

Analogous

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



5771E9



B453C3



DC378B

Triad

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



B453C3



A07400



0095A8

Complementary

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



B453C3



62C353

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.



00946B



B453C3



698600

Square

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



B453C3



CA5A16



00902D



0092DA

Rectangle

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



B453C3



E33664



00902D



009595

Sweetspot

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



B453C3



F7D2FC



5364C3



7C6680



000000



808080

Same Dimension

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



B453C3



E54EFC



C3539C



605761



8B00A1



1D0021

Inverse Universe

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



C35362



FC4E66



53C37A



615759



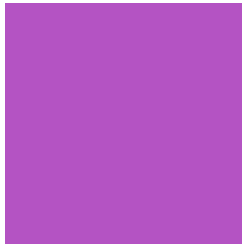
A10016



210004

Previews

White Background



This preview shows how the Hex color B453C3 looks on a white background.

Color Contrast Check

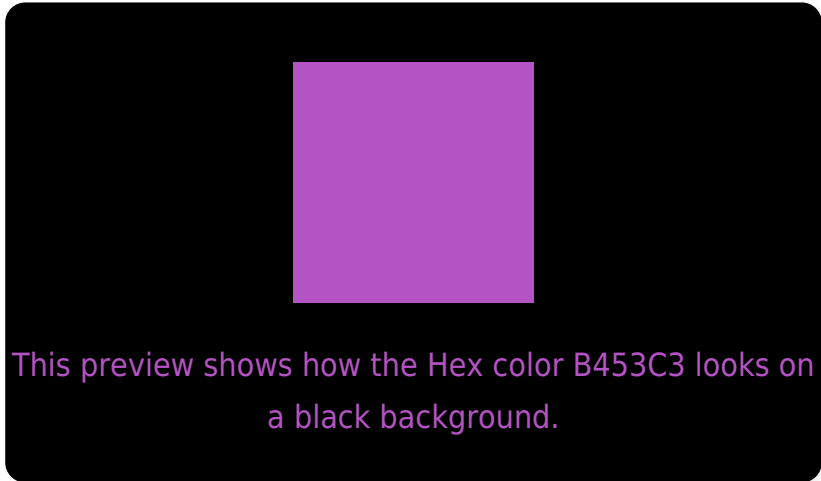
Large Text (above 18pt) WCAG AA ✓ Pass

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

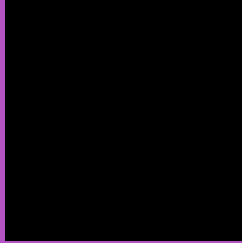
Any Text WCAG AA ✓ Pass

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 B453C3 Background



This preview shows how black text looks on a background with the Hex color B453C3.

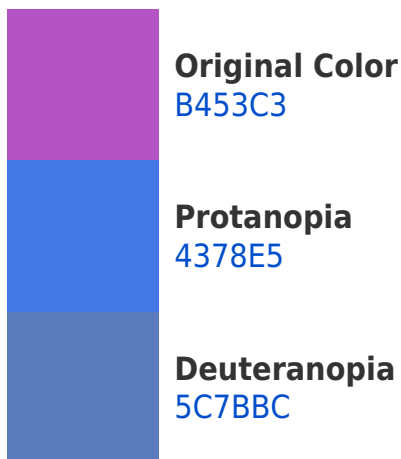


This preview shows how white text looks on a background with the Hex color B453C3.

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](#).

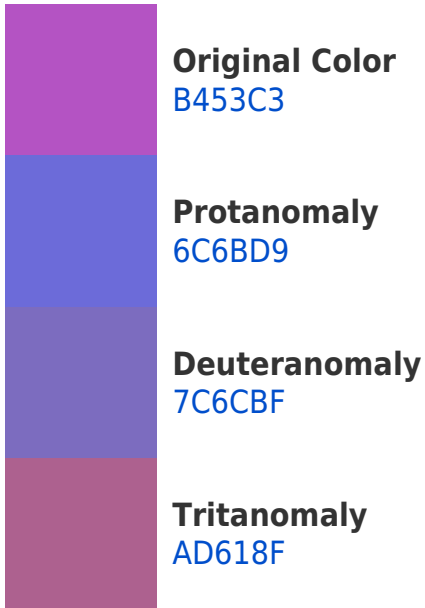
Dichromacy





Tritanopia
A96971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B453C3 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 #B453C3 looks like.

```
.text, #text, p{  
    color:#B453C3  
}
```

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 #B453C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B453C3
}
```

Border

The CSS property to change the border of an element to Hex B453C3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

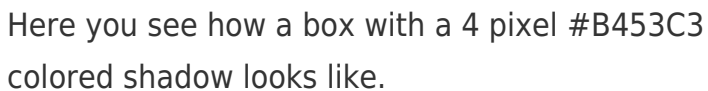
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B453C3 }
```

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

```
.border{ border-color:#B453C3 }
```

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



Here you see how a box with a 4 pixel #B453C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B453C3; -webkit-box-shadow:4px 4px  
4px 4px #B453C3; box-shadow:4px 4px 4px  
4px #B453C3 }
```

Background

The CSS property to change the background color of an element to Hex B453C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B453C3 }
```

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

```
.background{ background-color:#B453C3 }
```

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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