

Converting Colors

Hex(B373D5)

Have a look what the booklet for
Hex(B373D5) contains.

Hex(B373D5)	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(B373D5)

Conversions

Conversions Part 1

Format	Color
Hex	B373D5
RGB	179, 115, 213
RGB Percent	70%, 45%, 84%
CMY	0.2980, 0.5490, 0.1647
CMYK	0.16, 0.46, 0.00, 0.16
HSL	279°, 54%, 64%
HSV	279°, 46%, 84%
XYZ	36.7314, 26.6493, 66.1587
YIQ	145.3080, 6.6860, 44.0460

Conversions

Conversions Part 2

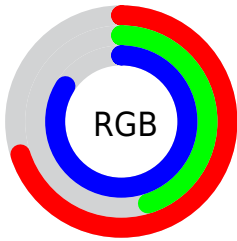
Format	Color
RYB	179, 115, 213
Decimal	11760597
CIELab	58.65, 42.44, -40.69
CIELCh	59, 58.795, 316.202
Yxy	26.6493, 0.2836, 0.2057
Android (android.graphics.Color)	4289950677 (0xFFB373D5)
YUV	145.3080, 33.3722, 29.5479
Hunter-Lab	51.6229, 36.6684, -39.8485

Details

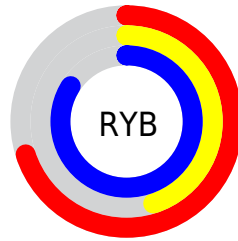
The Hex color **B373D5** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **95D573**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **ECA8FF**, and **7C409E** is the 20% darker color. If you saturate the color by 10%, you get **AC5ED5**, and if you desaturate by 10%, it is **BA88D5**.

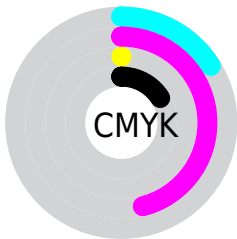
Distribution



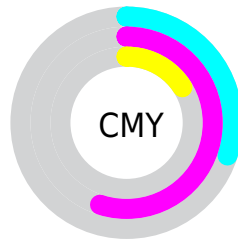
- Red (70%)
- Green (45%)
- Blue (84%)



- Red (70%)
- Yellow (45%)
- Blue (84%)



- Cyan (16%)
- Magenta (46%)
- Yellow (0%)
- Black (16%)



- Cyan (30%)
- Magenta (55%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color B373D5 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 B373D5 by changing the saturation by 10% instead.

 B373D5

 B373D5

FFFFFF

 9759B9

 ECA8FF

 7C409E

 FFC4FF

 622783

 FFE0FF

 480C6A

 FFFDFF

 2E0051

 19003A

 000223

 000009

 000000

 B373D5

 B373D5

 AC5ED5

 BA88D5

 A448D5

 C29ED5

 9D33D5

 C9B3D5

 951ED5

 D1C8D5

 8E09D5

 D8DED5

 8B00D5

 DFF3D5

 E7FFD5

 EEFFD5

 F6FFD5

Harmonies

Analogous

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



5E89F0



B373D5



DE5FA7

Triad

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



B373D5



BB8220



00A6A8

Complementary

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



B373D5



95D573

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.



00A473



B373D5



8D931C

Square

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



B373D5



DD6D44



509E41



00A3D7

Rectangle

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



B373D5



EA5B84



509E41



00A697

Sweetspot

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



B373D5



F3DBFF



7395D5



786A80



000000



808080

Same Dimension

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



B373D5



CE73FF



D573C6



67606B



7000AB



1C002B

Inverse Universe

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



D57395



FF73A3



73D582



6B6064



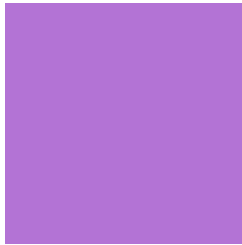
AB003B



2B000F

Previews

White Background



This preview shows how the Hex color B373D5 looks on a white background.

Color Contrast Check

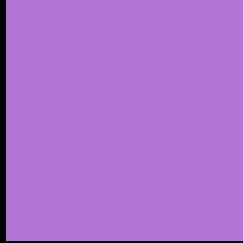
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color B373D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

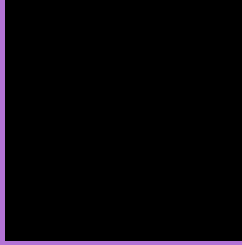
Any Text WCAG AA ✓ Pass

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 B373D5 Background



This preview shows how black text looks on a background with the Hex color B373D5.

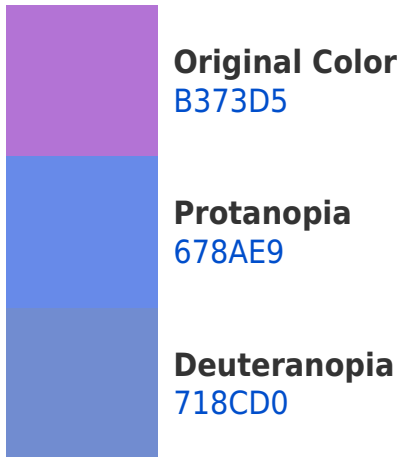


This preview shows how white text looks on a background with the Hex color B373D5.

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](#).

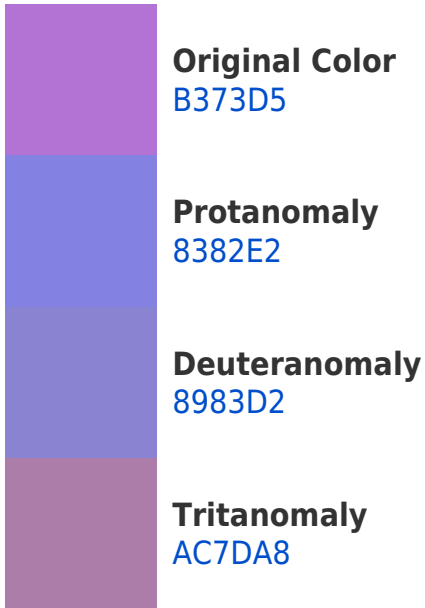
Dichromacy



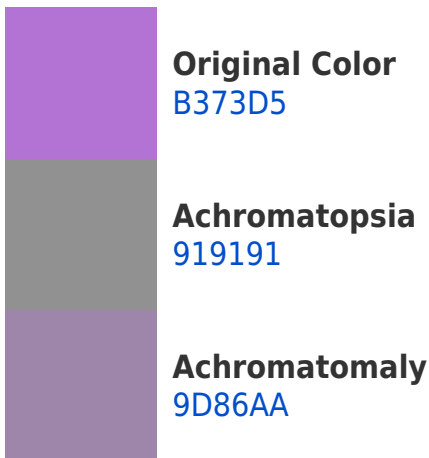


Tritanopia
A8838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B373D5 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 #B373D5 looks like.

```
.text, #text, p{  
    color:#B373D5  
}
```

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 #B373D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B373D5
}
```

Border

The CSS property to change the border of an element to Hex B373D5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

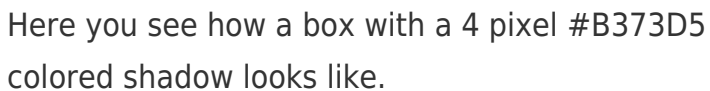
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B373D5 }
```

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

```
.border{ border-color:#B373D5 }
```

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



Here you see how a box with a 4 pixel `#B373D5` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B373D5; -webkit-box-shadow:4px 4px  
4px 4px #B373D5; box-shadow:4px 4px 4px  
4px #B373D5 }
```

Background

The CSS property to change the background color of an element to Hex B373D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B373D5 }
```

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

```
.background{ background-color:#B373D5 }
```

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