

Converting Colors

Hex(B73DD5)

Have a look what the booklet for
Hex(B73DD5) contains.

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Color

Hex(B73DD5)

Conversions

Conversions Part 1

Format	Color
Hex	B73DD5
RGB	183, 61, 213
RGB Percent	72%, 24%, 84%
CMY	0.2824, 0.7608, 0.1647
CMYK	0.14, 0.71, 0.00, 0.16
HSL	288°, 64%, 54%
HSV	288°, 71%, 84%
XYZ	33.2074, 18.2089, 64.7152
YIQ	114.8060, 23.9200, 73.1360

Conversions

Conversions Part 2

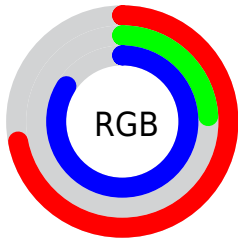
Format	Color
RYB	183, 61, 213
Decimal	12008917
CIELab	49.75, 68.76, -54.80
CIELCh	50, 87.922, 321.447
Yxy	18.2089, 0.2859, 0.1568
Android (android.graphics.Color)	4290198997 (0xFFB73DD5)
YUV	114.8060, 48.4096, 59.8061
Hunter-Lab	42.6718, 64.2338, -60.0477

Details

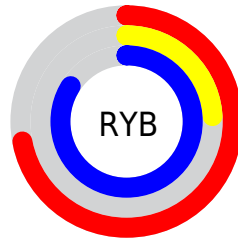
The Hex color **B73DD5** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **5BD53D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **F277FF**, and **7E009D** is the 20% darker color. If you saturate the color by 10%, you get **B328D5**, and if you desaturate by 10%, it is **BB52D5**.

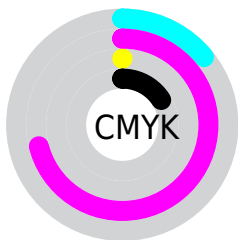
Distribution



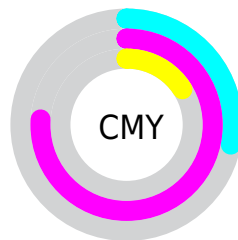
- Red (72%)
- Green (24%)
- Blue (84%)



- Red (72%)
- Yellow (24%)
- Blue (84%)



- Cyan (14%)
- Magenta (71%)
- Yellow (0%)
- Black (16%)



- Cyan (28%)
- Magenta (76%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color B73DD5 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 B73DD5 by changing the saturation by 10% instead.

 B73DD5

 B73DD5

FFFFFF

 9A1AB9

 F277FF

 7E009D

 FF93FF

 610083

 FFB0FF

 450069

 FFCDFD

 2C0050

 FFEAFF

 030038

 000221

 000006

 000000

 B73DD5

 B73DD5

 B328D5

 BB52D5

 AF12D5

 BF68D5

 AB00D5

 C47DD5

 C892D5

 CCA8D5

 D0BDD5

 D4D2D5

 D9E7D5

 DDFDD5

Harmonies

Analogous

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



006DFF



B73DD5



EB008F

Triad

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



B73DD5



A26C00



0095AB

Complementary

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



B73DD5



5BD53D

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.



00935E



B73DD5



5D8200

Square

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



B73DD5



D54400



008E00



0092EC

Rectangle

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



B73DD5



F4005E



008E00



009492

Sweetspot

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



B73DD5



F4C9FF



3D5BD5



796080



000000



808080

Same Dimension

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



B73DD5



D424FF



D53DA7



69606B



8900AB



23002B

Inverse Universe

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



D53D5B



FF244F



3DD56B



6B6063



AB0022



2B0009

Previews

White Background



This preview shows how the Hex color B73DD5 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

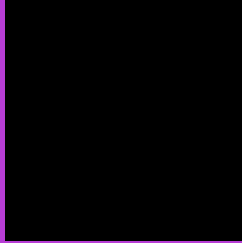
Any Text WCAG AA ✓ Pass

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 B73DD5 Background



This preview shows how black text looks on a background with the Hex color B73DD5.

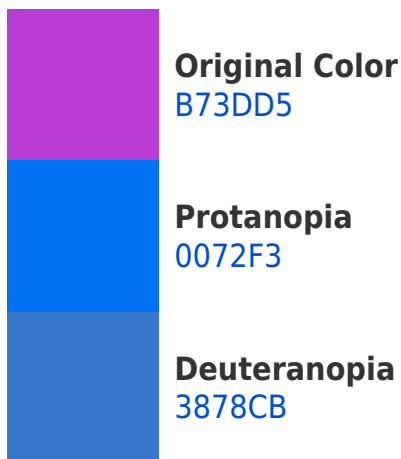


This preview shows how white text looks on a background with the Hex color B73DD5.

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](#).

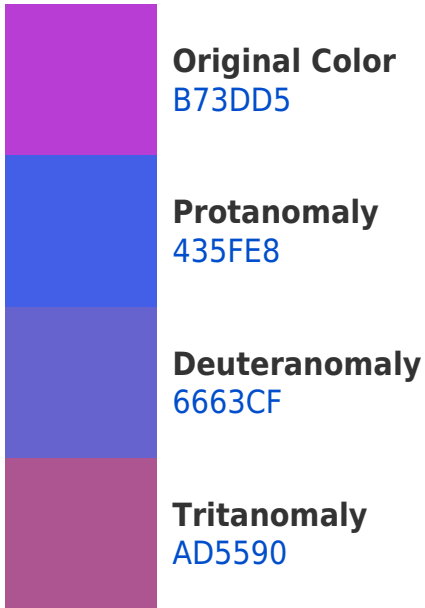
Dichromacy



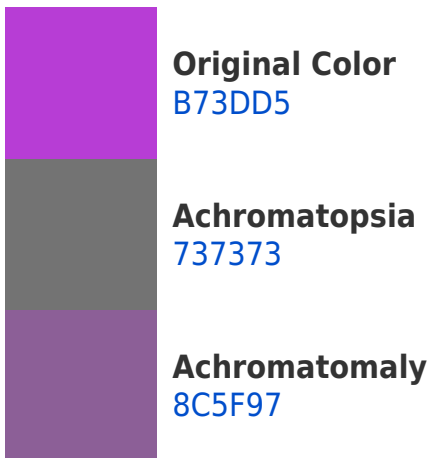


Tritanopia
A86269

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B73DD5 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 #B73DD5 looks like.

```
.text, #text, p{  
    color:#B73DD5  
}
```

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 #B73DD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B73DD5
}
```

Border

The CSS property to change the border of an element to Hex B73DD5 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
#B73DD5 }
```

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

```
.border{ border-color:#B73DD5 }
```

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

Here you see how a box with a 4 pixel #B73DD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B73DD5; -webkit-box-shadow:4px 4px  
4px 4px #B73DD5; box-shadow:4px 4px 4px  
4px #B73DD5 }
```

Background

The CSS property to change the background color of an element to Hex B73DD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B73DD5 }
```

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

```
.background{ background-color:#B73DD5 }
```

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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