

Converting Colors

Hex(B75ED7)

Have a look what the booklet for
Hex(B75ED7) contains.

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Color

Hex(**B75ED7**)

Conversions

Conversions Part 1

Format	Color
Hex	B75ED7
RGB	183, 94, 215
RGB Percent	72%, 37%, 84%
CMY	0.2824, 0.6314, 0.1569
CMYK	0.15, 0.56, 0.00, 0.16
HSL	284°, 60%, 61%
HSV	284°, 56%, 84%
XYZ	35.7969, 22.9790, 66.8387
YIQ	134.4050, 14.2030, 56.4990

Conversions

Conversions Part 2

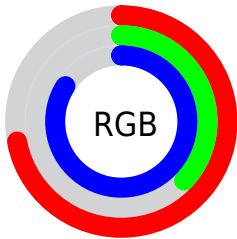
Format	Color
RYB	183, 94, 215
Decimal	12017367
CIELab	55.05, 54.83, -47.47
CIELCh	55, 72.526, 319.112
Yxy	22.9790, 0.2850, 0.1829
Android (android.graphics.Color)	4290207447 (0xFFB75ED7)
YUV	134.4050, 39.7333, 42.6178
Hunter-Lab	47.9364, 49.4076, -49.1137

Details

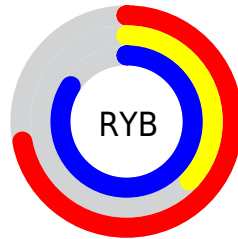
The Hex color **B75ED7** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **7ED75E**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **F194FF**, and **7F28A0** is the 20% darker color. If you saturate the color by 10%, you get **B149D7**, and if you desaturate by 10%, it is **BD74D7**.

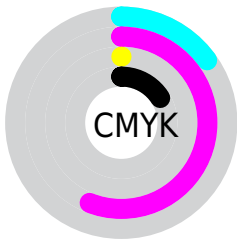
Distribution



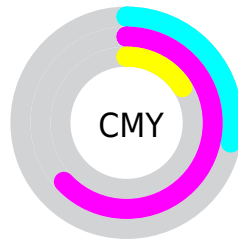
- Red (72%)
- Green (37%)
- Blue (84%)



- Red (72%)
- Yellow (37%)
- Blue (84%)



- Cyan (15%)
- Magenta (56%)
- Yellow (0%)
- Black (16%)



- Cyan (28%)
- Magenta (63%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color B75ED7 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 B75ED7 by changing the saturation by 10% instead.

 B75ED7

 B75ED7

FFFFFF

 9B43BB

 F194FF

 7F28A0

 FFBOFF

 640285

 FFCCFF

 49006B

 FFE9FF

 2E0052

 13003A

 000224

 00000B

 000000

 B75ED7

 B75ED7

 B149D7

 BD74D7

 AC33D7

 C289D7

 A61ED7

 C89FD7

 A008D7

 CEB4D7

 9E00D7

 D3CAD7

 D9DFD7

 DFF5D7

 E4FFD7

 EAFFD7

Harmonies

Analogous

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



457DFC



B75ED7



E73F9D

Triad

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



B75ED7



B27900



00A0AB

Complementary

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



B75ED7



7ED75E

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.



009E6A



B75ED7



798D00

Square

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



B75ED7



DC5C23



199927



009DE2

Rectangle

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



B75ED7



F13973



199927



00A096

Sweetspot

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



B75ED7



F4D4FF



5E7ED7



796680



000000



808080

Same Dimension

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



B75ED7



D152FF



D75EBB



68606B



7E00AB



20002B

Inverse Universe

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



D75E7E



FF527F



5ED77A



6B6063



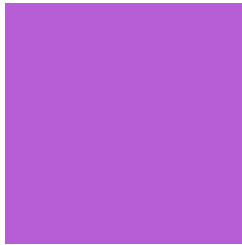
AB002D



2B000B

Previews

White Background



This preview shows how the Hex color B75ED7 looks on a white background.

Color Contrast Check

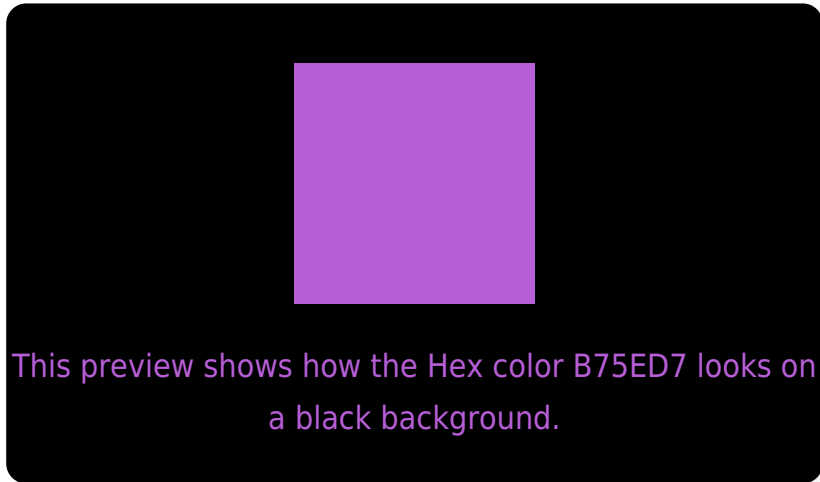
Large Text (above 18pt) WCAG AA ✓ Pass

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

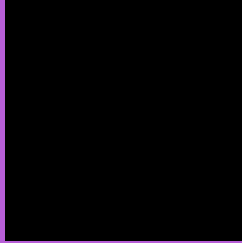
Any Text WCAG AA ✓ Pass

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 B75ED7 Background



This preview shows how black text looks on a background with the Hex color B75ED7.

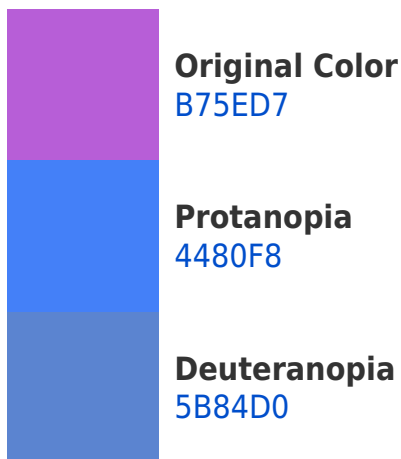


This preview shows how white text looks on a background with the Hex color B75ED7.

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](#).

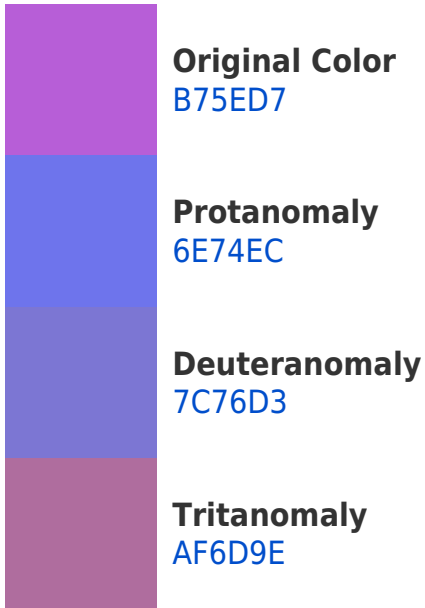
Dichromacy





Tritanopia
AA757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B75ED7 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 #B75ED7 looks like.

```
.text, #text, p{  
    color:#B75ED7  
}
```

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 #B75ED7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B75ED7
}
```

Border

The CSS property to change the border of an element to Hex B75ED7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

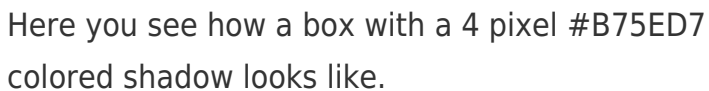
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B75ED7 }
```

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

```
.border{ border-color:#B75ED7 }
```

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



Here you see how a box with a 4 pixel #B75ED7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B75ED7; -webkit-box-shadow:4px 4px  
4px 4px #B75ED7; box-shadow:4px 4px 4px  
4px #B75ED7 }
```

Background

The CSS property to change the background color of an element to Hex B75ED7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B75ED7 }
```

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

```
.background{ background-color:#B75ED7 }
```

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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