

Converting Colors

Hex(B78DE5)

Have a look what the booklet for
Hex(B78DE5) contains.

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Color

Hex(B78DE5)

Conversions

Conversions Part 1

Format	Color
Hex	B78DE5
RGB	183, 141, 229
RGB Percent	72%, 55%, 90%
CMY	0.2824, 0.4471, 0.1020
CMYK	0.20, 0.38, 0.00, 0.10
HSL	269°, 63%, 73%
HSV	269°, 38%, 90%
XYZ	43.1962, 34.7742, 78.5641
YIQ	163.5900, -3.2160, 36.2720

Conversions

Conversions Part 2

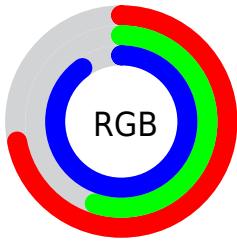
Format	Color
RYB	183, 141, 229
Decimal	12029413
CIELab	65.57, 32.81, -38.74
CIElCh	66, 50.771, 310.264
Yxy	34.7742, 0.2760, 0.2222
Android (android.graphics.Color)	4290219493 (0xFFB78DE5)
YUV	163.5900, 32.2471, 17.0226
Hunter-Lab	58.9696, 27.5572, -37.7122

Details

The Hex color **B78DE5** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **BBE58D**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **F0C3FF**, and **805AAD** is the 20% darker color. If you saturate the color by 10%, you get **AB76E5**, and if you desaturate by 10%, it is **C3A4E5**.

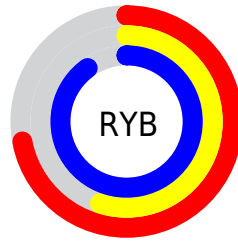
Distribution



Red (72%)

Green (55%)

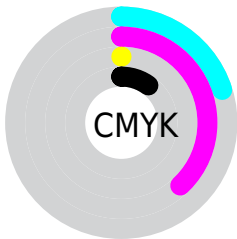
Blue (90%)



Red (72%)

Yellow (55%)

Blue (90%)

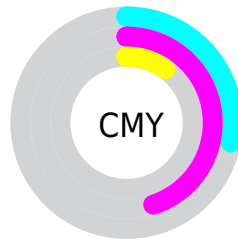


Cyan (20%)

Magenta (38%)

Yellow (0%)

Black (10%)



Cyan (28%)

Magenta (45%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color B78DE5 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 B78DE5 by changing the saturation by 10% instead.

 B78DE5

 B78DE5

FFFFFF

 9B73C9

 F0C3FF

 805AAD

 FFDFFF

 664292

 FFFCFF

 4C2B78

 33145F

 190047

 000030

 00011A

 000000

 B78DE5

 B78DE5

 AB76E5

 C3A4E5

 9F5FE5

 CFBBE5

 9348E5

 DBD2E5

 8731E5

 E7E9E5

 7B1BE5

 F3FFE5

 6F04E5

 FFFFE5

 6D00E5

Harmonies

Analogous

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



6D9FF9



B78DE5



E37DBF

Triad

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



B78DE5



D29248



00B6AE

Complementary

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



B78DE5



BBE58D

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.



2FB47F



B78DE5



ABA241

Square

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



B78DE5



ED8167



79AD57



00B4D9

Rectangle

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



B78DE5



F178A1



79AD57



00B69E

Sweetspot

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



B78DE5



EFE0FF



8DBCE5



766E80



000000



808080

Same Dimension

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



B78DE5



C28AFF



E28DE5



6D6773



5500B3



180033

Inverse Universe

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



E58DBB



FF8AC7



90E58D



73676D



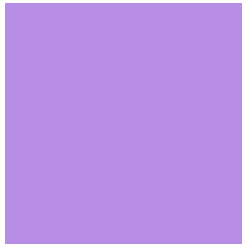
B3005D



33001B

Previews

White Background



This preview shows how the Hex color B78DE5 looks on a white background.

Color Contrast Check

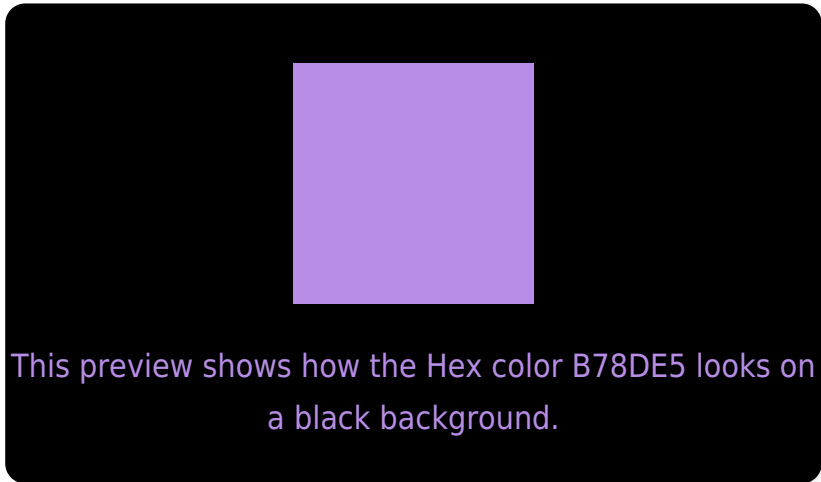
Large Text (above 18pt) WCAG AA × Fail

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

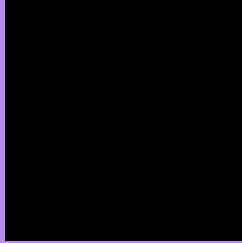
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B78DE5 Background



This preview shows how black text looks on a background with the Hex color B78DE5.



This preview shows how white text looks on a background with the Hex color B78DE5.

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](#).

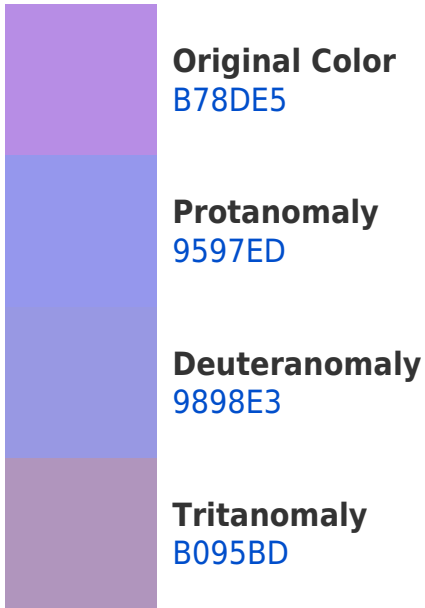
Dichromacy



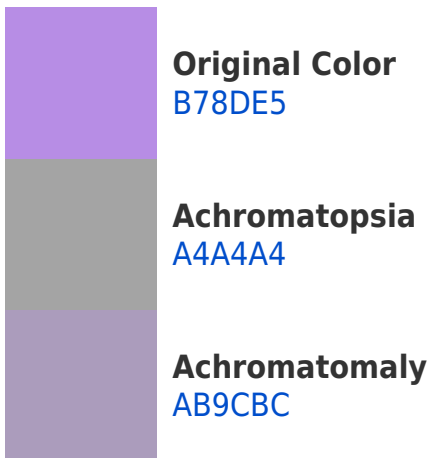


Tritanopia
AC9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B78DE5 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 #B78DE5 looks like.

```
.text, #text, p{  
    color:#B78DE5  
}
```

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 #B78DE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B78DE5
}
```

Border

The CSS property to change the border of an element to Hex B78DE5 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
#B78DE5 }
```

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

```
.border{ border-color:#B78DE5 }
```

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

Here you see how a box with a 4 pixel #B78DE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B78DE5; -webkit-box-shadow:4px 4px  
4px 4px #B78DE5; box-shadow:4px 4px 4px  
4px #B78DE5 }
```

Background

The CSS property to change the background color of an element to Hex B78DE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B78DE5 }
```

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

```
.background{ background-color:#B78DE5 }
```

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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