

Converting Colors

Hex(BD69D3)

Have a look what the booklet for
Hex(BD69D3) contains.

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Color

Hex(BD69D3)

Conversions

Conversions Part 1

Format	Color
Hex	BD69D3
RGB	189, 105, 211
RGB Percent	74%, 41%, 83%
CMY	0.2588, 0.5882, 0.1725
CMYK	0.10, 0.50, 0.00, 0.17
HSL	288°, 55%, 62%
HSV	288°, 50%, 83%
XYZ	37.7957, 25.6251, 64.5821
YIQ	142.2000, 16.0380, 50.7740

Conversions

Conversions Part 2

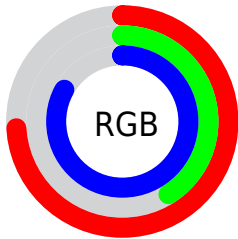
Format	Color
R_{YB}	189, 105, 211
Decimal	12413395
CIE _{Lab}	57.68, 50.10, -41.01
CIE _{LCh}	58, 64.740, 320.698
Yxy	25.6251, 0.2953, 0.2002
Android (android.graphics.Color)	4290603475 (0xFFBD69D3)
YUV	142.2000, 33.9184, 41.0436
Hunter-Lab	50.6213, 44.6875, -40.2067

Details

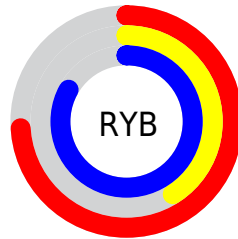
The Hex color **BD69D3** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7FD369**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **F79FFF**, and **85359C** is the 20% darker color. If you saturate the color by 10%, you get **B954D3**, and if you desaturate by 10%, it is **C17ED3**.

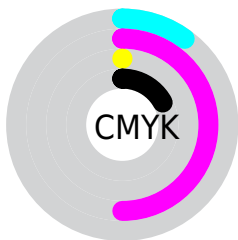
Distribution



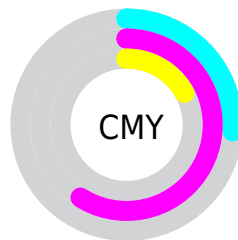
- Red (74%)
- Green (41%)
- Blue (83%)



- Red (74%)
- Yellow (41%)
- Blue (83%)



- Cyan (10%)
- Magenta (50%)
- Yellow (0%)
- Black (17%)



- Cyan (26%)
- Magenta (59%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD69D3 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 BD69D3 by changing the saturation by 10% instead.

 BD69D3

 BD69D3

FFFFFF

 A14FB7

 F79FFF

 85359C

 FFBBFF

 6A1881

 FFD7FF

 500068

 FFF4FF

 36004F

 1F0038

 000221

 000006

 000000

 BD69D3

 BD69D3

 B954D3

 C17ED3

 B43FD3

 C693D3

 B02AD3

 CAA8D3

 AB15D3

 CFBDD3

 A700D3

 D3D3D3

 D7E8D3

 DCFDD3

 E0FFD3

 E4FFD3

Harmonies

Analogous

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



6583F5



BD69D3



E7539F

Triad

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



BD69D3



B48200



00A5B1

Complementary

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



BD69D3



7FD369

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.



00A476



BD69D3



809303

Square

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



BD69D3



DB6A33



349E3E



00A1E1

Rectangle

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



BD69D3



F05079



349E3E



00A59E

Sweetspot

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



BD69D3



F7D9FF



6980D3



7B6980



000000



808080

Same Dimension

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



BD69D3



DF66FF



D369B5



665E69



8500A8



200029

Inverse Universe

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



D3697F



FF6686



69D387



695E60



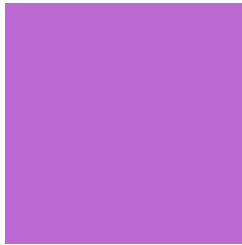
A80023



290008

Previews

White Background



This preview shows how the Hex color BD69D3 looks on a white background.

Color Contrast Check

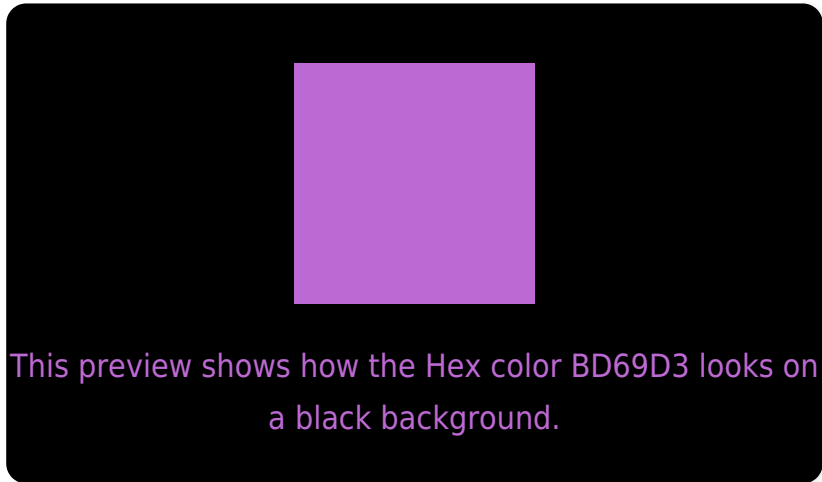
Large Text (above 18pt) WCAG AA ✓ Pass

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

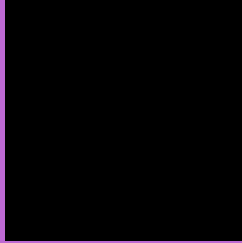
Any Text WCAG AA ✓ Pass

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 BD69D3 Background



This preview shows how black text looks on a background with the Hex color BD69D3.

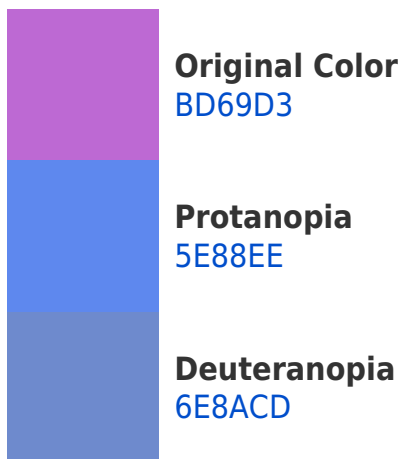


This preview shows how white text looks on a background with the Hex color BD69D3.

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
B27C85

Trichromacy



Original Color
BD69D3



Protanomaly
817DE4



Deuteranomaly
8B7ECF



Tritanomaly
B675A1

Monochromacy



Original Color
BD69D3



Achromatopsia
8E8E8E



Achromatomaly
9F81A7

CSS Examples

Text

The CSS property to change the color of the text to Hex BD69D3 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 #BD69D3 looks like.

```
.text, #text, p{  
    color:#BD69D3  
}
```

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 #BD69D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD69D3
}
```

Border

The CSS property to change the border of an element to Hex BD69D3 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
#BD69D3 }
```

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

```
.border{ border-color:#BD69D3 }
```

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

Here you see how a box with a 4 pixel #BD69D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD69D3; -webkit-box-shadow:4px 4px  
4px 4px #BD69D3; box-shadow:4px 4px 4px  
4px #BD69D3 }
```

Background

The CSS property to change the background color of an element to Hex BD69D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD69D3 }
```

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

```
.background{ background-color:#BD69D3 }
```

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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