

Converting Colors

Hex(B068DE)

Have a look what the booklet for
Hex(B068DE) contains.

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Color

Hex(B068DE)

Conversions

Conversions Part 1

Format	Color
Hex	B068DE
RGB	176, 104, 222
RGB Percent	69%, 41%, 87%
CMY	0.3098, 0.5922, 0.1294
CMYK	0.21, 0.53, 0.00, 0.13
HSL	277°, 64%, 64%
HSV	277°, 53%, 87%
XYZ	36.0396, 24.4047, 71.9183
YIQ	138.9800, 5.0340, 51.9620

Conversions

Conversions Part 2

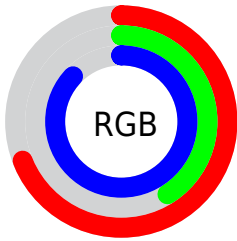
Format	Color
RYB	176, 104, 222
Decimal	11561182
CIELab	56.49, 49.44, -49.19
CIELCh	56, 69.741, 315.142
Yxy	24.4047, 0.2723, 0.1844
Android (android.graphics.Color)	4289751262 (0xFFB068DE)
YUV	138.9800, 40.9289, 32.4665
Hunter-Lab	49.4011, 43.7694, -51.7339

Details

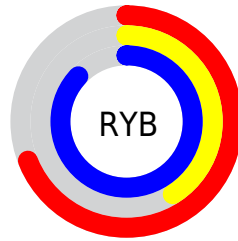
The Hex color **B068DE** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **96DE68**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **EA9DFF**, and **7834A6** is the 20% darker color. If you saturate the color by 10%, you get **A752DE**, and if you desaturate by 10%, it is **B97EDE**.

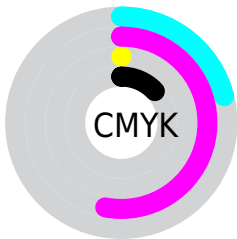
Distribution



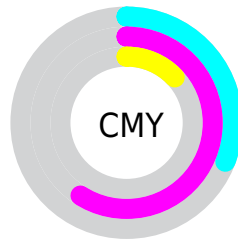
- Red (69%)
- Green (41%)
- Blue (87%)



- Red (69%)
- Yellow (41%)
- Blue (87%)



- Cyan (21%)
- Magenta (53%)
- Yellow (0%)
- Black (13%)



- Cyan (31%)
- Magenta (59%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color B068DE 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 B068DE by changing the saturation by 10% instead.

 B068DE

 B068DE

FFFFFF

 944EC2

 EA9DFF

 7834A6

 FFB9FF

 5D198B

 FFD5FF

 420071

 FFF2FF

 270058

 0A0040

 000329

 000113

 000000

 B068DE

 B068DE

 A752DE

 B97EDE

 9F3CDE

 C194DE

 9625DE

 CAABDE

 8D0FDE

 D3C1DE

 8700DE

 DBD7DE

 E4EDDE

 EDFFDE

 F5FFDE

 FEFFDE

Harmonies

Analogous

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



3384FE



B068DE



E44BA8

Triad

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



B068DE



BC7A00



00A3A6

Complementary

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



B068DE



96DE68

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.



00A166



B068DE



868E00

Square

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



B068DE



E25E32



3B9B27



00A0DD

Rectangle

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



B068DE



F24380



3B9B27



00A391

Sweetspot

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



B068DE



EFD6FF



6897DE



766780



000000



808080

Same Dimension

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



B068DE



BF5CFF



DE68D2



6C6570



6B00B0



1E0030

Inverse Universe

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



DE6896



FF5C9B



68DE74



706569



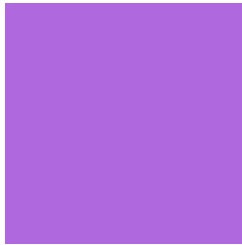
B00045



300013

Previews

White Background



This preview shows how the Hex color B068DE looks on a white background.

Color Contrast Check

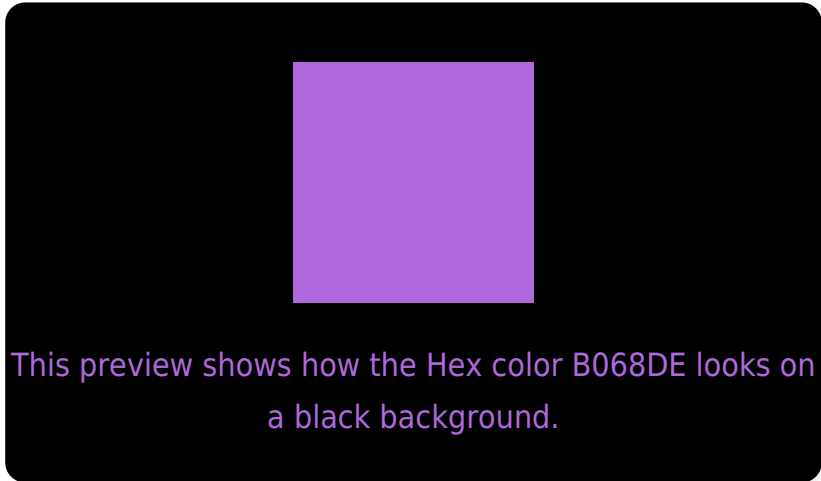
Large Text (above 18pt) WCAG AA ✓ Pass

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 B068DE Background



This preview shows how black text looks on a background with the Hex color B068DE.

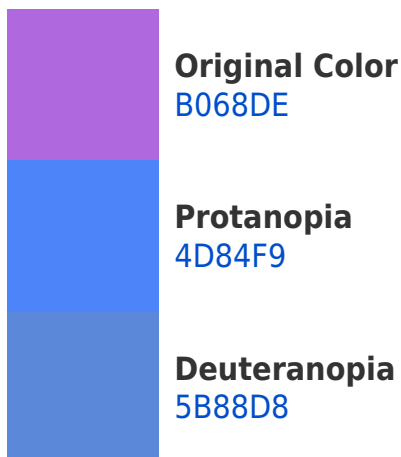


This preview shows how white text looks on a background with the Hex color B068DE.

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
A27E88

Trichromacy



Original Color
B068DE



Protanomaly
717AEF



Deuteranomaly
7A7CDA



Tritanomaly
A776A7

Monochromacy



Original Color
B068DE



Achromatopsia
8B8B8B



Achromatomaly
987EA9

CSS Examples

Text

The CSS property to change the color of the text to Hex B068DE 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 #B068DE looks like.

```
.text, #text, p{  
    color:#B068DE  
}
```

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 #B068DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B068DE
}
```

Border

The CSS property to change the border of an element to Hex B068DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

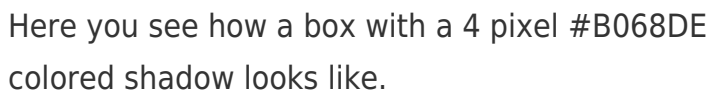
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B068DE }
```

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

```
.border{ border-color:#B068DE }
```

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



Here you see how a box with a 4 pixel #B068DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B068DE; -webkit-box-shadow:4px 4px  
4px 4px #B068DE; box-shadow:4px 4px 4px  
4px #B068DE }
```

Background

The CSS property to change the background color of an element to Hex B068DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B068DE }
```

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

```
.background{ background-color:#B068DE }
```

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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