

# Converting Colors

Hex(B364DE)

Have a look what the booklet for  
Hex(B364DE) contains.

|  |    |
|--|----|
| <b>Hex(B364DE)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

Hex(**B364DE**)

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | B364DE                    |
| RGB         | 179, 100, 222             |
| RGB Percent | 70%, 39%, 87%             |
| CMY         | 0.2980, 0.6078, 0.1294    |
| CMYK        | 0.19, 0.55, 0.00, 0.13    |
| HSL         | 279°, 65%, 63%            |
| HSV         | 279°, 55%, 87%            |
| XYZ         | 36.3324, 23.9720, 71.8194 |
| YIQ         | 137.5290, 7.9220, 54.6900 |

# Conversions

## Conversions Part 2

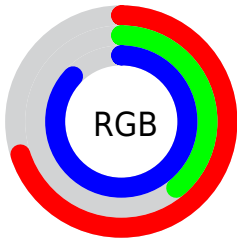
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">179, 100, 222</a>                  |
| Decimal                             | <a href="#">11756766</a>                       |
| CIELab                              | <a href="#">56.06, 52.27, -49.86</a>           |
| CIELCh                              | <a href="#">56, 72.235, 316.355</a>            |
| Yxy                                 | <a href="#">23.9720, 0.2750,<br/>0.1814</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4289946846<br/>(0xFFB364DE)</a>    |
| YUV                                 | <a href="#">137.5290, 41.6442,<br/>36.3701</a> |
| Hunter-Lab                          | <a href="#">48.9612, 46.7766,<br/>-52.6975</a> |

# Details

The Hex color **B364DE** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **8FDE64**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **ED9AFF**, and **7B2FA6** is the 20% darker color. If you saturate the color by 10%, you get **AB4EDE**, and if you desaturate by 10%, it is **BB7ADE**.

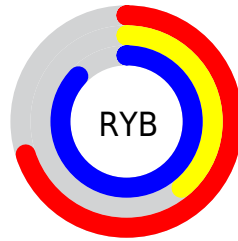
# Distribution



Red (70%)

Green (39%)

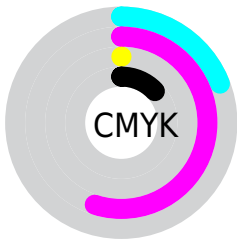
Blue (87%)



Red (70%)

Yellow (39%)

Blue (87%)

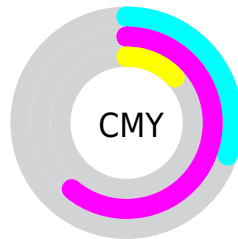


Cyan (19%)

Magenta (55%)

Yellow (0%)

Black (13%)



Cyan (30%)

Magenta (61%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B364DE 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 B364DE by changing the saturation by 10% instead.



 B364DE

 B364DE

FFFFFF

 974AC2

 ED9AFF

 7B2FA6

 FFB5FF

 60128B

 FFD2FF

 450071

 FFEFFF

 290058

 0D0040

 000329

 000113

 000000

 B364DE

 B364DE

 AB4EDE

 BB7ADE

 A338DE

 C390DE

 9C21DE

 CAA7DE

 940BDE

 D2BDDE

 9000DE

 DAD3DE

 E2E9DE

 EAFFDE

 F2FFDE

 F9FFDE

# Harmonies

## Analogous

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



3382FF



B364DE



E745A6

# Triad

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



B364DE



B97900



00A2A8

# Complementary

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



B364DE



8FDE64

# 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



B364DE



828E00

# Square

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



B364DE



E25C2B



2F9A24



00A0E1

# Rectangle

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



B364DE



F43D7C



2F9A24



00A292



# Sweetspot

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



B364DE



F1D6FF



6491DE



776780



000000



808080



# Same Dimension

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



B364DE



C457FF



DE64CE



6C6570



7200B0



1F0030



# Inverse Universe

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



DE648F



FF5792



64DE74



706569



B0003E

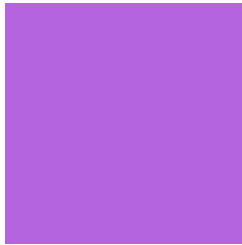


300011



# Previews

## White Background



This preview shows how the Hex color B364DE looks on a white background.

## Color Contrast Check

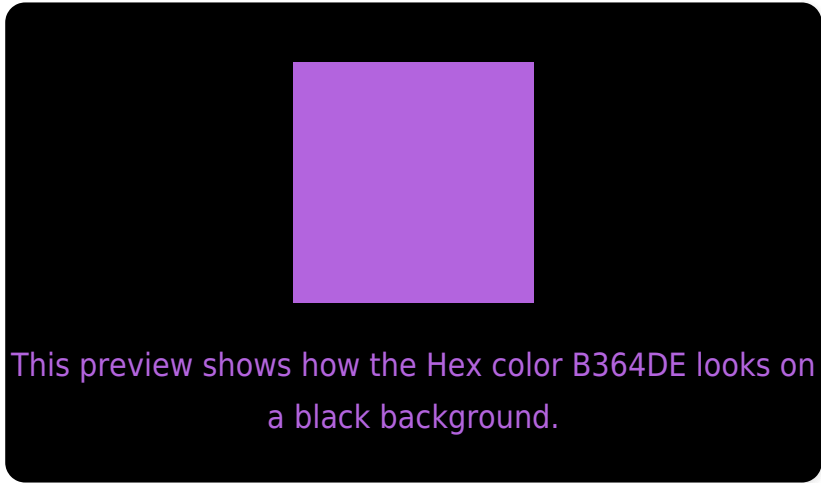
Large Text (above 18pt) WCAG AA ✓ Pass

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

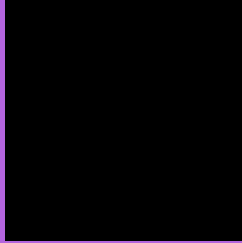
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B364DE Background



This preview shows how black text looks on a background with the Hex color B364DE.

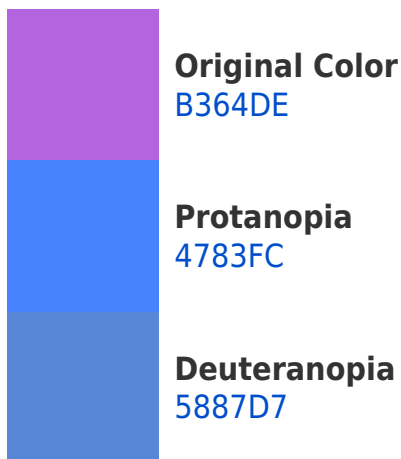


This preview shows how white text looks on a background with the Hex color B364DE.

# 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**  
A57B85

# Trichromacy



**Original Color**  
B364DE



**Protanomaly**  
6E78F1



**Deuteranomaly**  
797ADA



**Tritanomaly**  
AA73A5

# Monochromacy



**Original Color**  
B364DE



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
997CA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B364DE 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 #B364DE looks like.

```
.text, #text, p{  
  color:#B364DE  
}
```

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 #B364DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B364DE
}
```

## Border

The CSS property to change the border of an element to Hex B364DE 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".

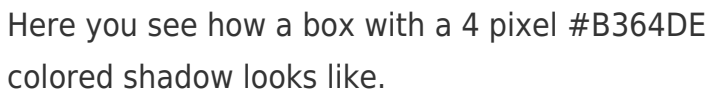
```
.border, #border, table{ border:4px solid
#B364DE }
```

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

```
.border{ border-color:#B364DE }
```

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

Here you see how a box with a 4 pixel #B364DE colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is shadowed, creating a 3D effect. The shadow is a darker shade of purple.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B364DE; -webkit-box-shadow:4px 4px  
4px 4px #B364DE; box-shadow:4px 4px 4px  
4px #B364DE }
```

# Background

The CSS property to change the background color of an element to Hex B364DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B364DE }
```

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

```
.background{ background-color:#B364DE }
```

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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