

Converting Colors

Hex(B35BDA)

Have a look what the booklet for
Hex(B35BDA) contains.

Hex(B35BDA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B35BDA)

Conversions

Conversions Part 1

Format	Color
Hex	B35BDA
RGB	179, 91, 218
RGB Percent	70%, 36%, 85%
CMY	0.2980, 0.6431, 0.1451
CMYK	0.18, 0.58, 0.00, 0.15
HSL	282°, 63%, 61%
HSV	282°, 58%, 85%
XYZ	34.9864, 22.1278, 68.7568
YIQ	131.7900, 11.6810, 58.1530

Conversions

Conversions Part 2

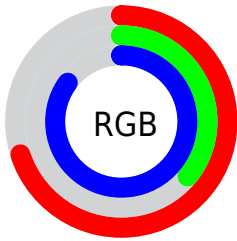
Format	Color
RYB	179, 91, 218
Decimal	11754458
CIELab	54.16, 55.91, -50.62
CIELCh	54, 75.420, 317.846
Yxy	22.1278, 0.2780, 0.1758
Android (android.graphics.Color)	4289944538 (0xFFB35BDA)
YUV	131.7900, 42.5015, 41.4032
Hunter-Lab	47.0402, 50.4398, -53.7336

Details

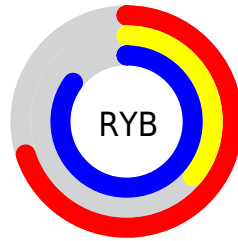
The Hex color **B35BDA** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **82DA5B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **ED91FF**, and **7B24A2** is the 20% darker color. If you saturate the color by 10%, you get **AC45DA**, and if you desaturate by 10%, it is **BA71DA**.

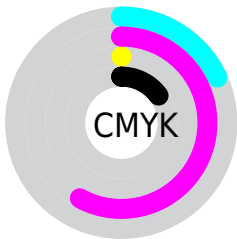
Distribution



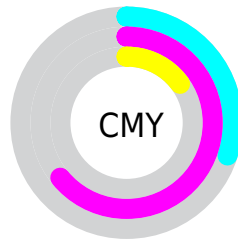
- Red (70%)
- Green (36%)
- Blue (85%)



- Red (70%)
- Yellow (36%)
- Blue (85%)



- Cyan (18%)
- Magenta (58%)
- Yellow (0%)
- Black (15%)



- Cyan (30%)
- Magenta (64%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B35BDA 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 B35BDA by changing the saturation by 10% instead.

 B35BDA

 B35BDA

FFFFFF

 9740BE

 ED91FF

 7B24A2

 FFADFF

 5F0088

 FFC9FF

 44006E

 FFE6FF

 290055

 09003D

 000226

 00010E

 000000

 B35BDA

 B35BDA

 AC45DA

 BA71DA

 A62FDA

 C087DA

 9F1ADA

 C79CDA

 9804DA

 CEB2DA

 9700DA

 D4C8DA

 DBDEDA

 E2F4DA

 E9FFDA

 EFFFDA

Harmonies

Analogous

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



2B7CFF



B35BDA



E7369F

Triad

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



B35BDA



B27500



009EA8

Complementary

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



B35BDA



82DA5B

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.



009C64



B35BDA



788A00

Square

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



B35BDA



DD561E



10961C



009BE2

Rectangle

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



B35BDA



F22E73



10961C



009E91

Sweetspot

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



B35BDA



F2D4FF



5B83DA



786680



000000



808080

Same Dimension

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



B35BDA



C84DFF



DA5BC3



6A636E



7800AD



20002E

Inverse Universe

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



DA5B82



FF4D83



5BDA72



6E6366



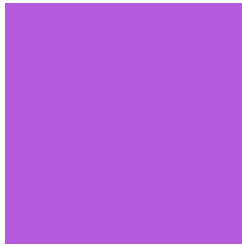
AD0035



2E000E

Previews

White Background



This preview shows how the Hex color B35BDA looks on a white background.

Color Contrast Check

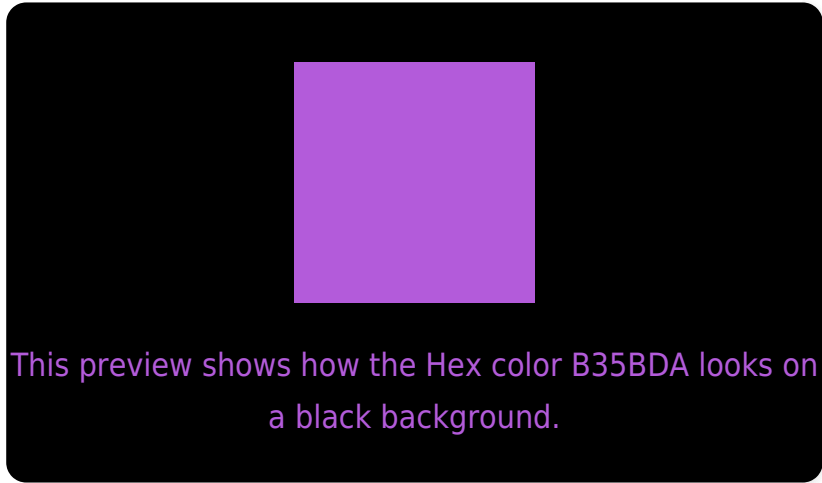
Large Text (above 18pt) WCAG AA ✓ Pass

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

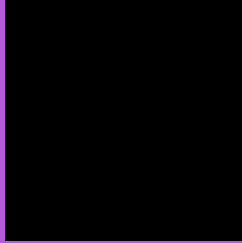
Any Text WCAG AA ✓ Pass

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 B35BDA Background



This preview shows how black text looks on a background with the Hex color B35BDA.

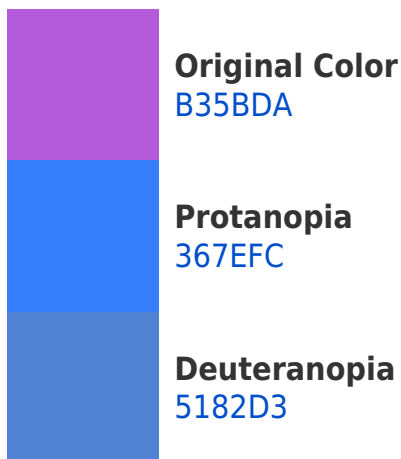


This preview shows how white text looks on a background with the Hex color B35BDA.

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
A5747D

Trichromacy



Original Color
B35BDA



Protanomaly
6371F0



Deuteranomaly
7574D6



Tritanomaly
AA6B9F

Monochromacy



Original Color
B35BDA



Achromatopsia
848484



Achromatomaly
9575A3

CSS Examples

Text

The CSS property to change the color of the text to Hex B35BDA 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 #B35BDA looks like.

```
.text, #text, p{  
    color:#B35BDA  
}
```

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 #B35BDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B35BDA
}
```

Border

The CSS property to change the border of an element to Hex B35BDA 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
#B35BDA }
```

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

```
.border{ border-color:#B35BDA }
```

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

Here you see how a box with a 4 pixel #B35BDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B35BDA; -webkit-box-shadow:4px 4px  
4px 4px #B35BDA; box-shadow:4px 4px 4px  
4px #B35BDA }
```

Background

The CSS property to change the background color of an element to Hex B35BDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B35BDA }
```

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

```
.background{ background-color:#B35BDA }
```

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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