

# Converting Colors

Hex(B035CF)

Have a look what the booklet for  
Hex(B035CF) contains.

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**Color**

**Hex(B035CF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B035CF
RGB	176, 53, 207
RGB Percent	69%, 21%, 81%
CMY	0.3098, 0.7922, 0.1882
CMYK	0.15, 0.74, 0.00, 0.19
HSL	288°, 62%, 51%
HSV	288°, 74%, 81%
XYZ	30.4401, 16.2813, 60.5697
YIQ	107.3330, 23.8740, 73.9700

# Conversions

## Conversions Part 2

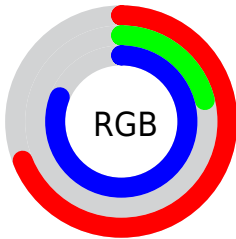
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 53, 207
Decimal	11548111
CIE <sub>Lab</sub>	47.34, 69.07, -55.28
CIE <sub>LCh</sub>	47, 88.462, 321.328
Yxy	16.2813, 0.2837, 0.1517
Android (android.graphics.Color)	4289738191 (0xFFB035CF)
YUV	107.3330, 49.1358, 60.2210
Hunter-Lab	40.3501, 64.0476, -60.7554

# Details

The Hex color **B035CF** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **54CF35**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **EB70FF**, and **770098** is the 20% darker color. If you saturate the color by 10%, you get **AC20CF**, and if you desaturate by 10%, it is **B44ACF**.

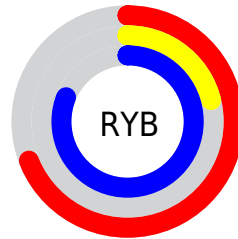
# Distribution



Red (69%)

Green (21%)

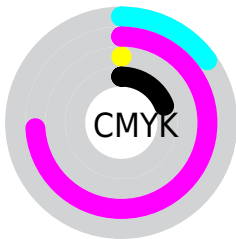
Blue (81%)



Red (69%)

Yellow (21%)

Blue (81%)

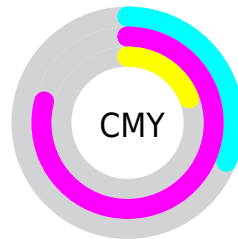


Cyan (15%)

Magenta (74%)

Yellow (0%)

Black (19%)



Cyan (31%)

Magenta (79%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B035CF 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 B035CF by changing the saturation by 10% instead.



 B035CF

 B035CF

FFFFFF

 930CB3

 EB70FF

 770098

 FF8CFF

 5B007D

 FFA9FF

 3E0063

 FFC5FF

 24004B

 FFE3FF

 000033

 00021D

 000000

 B035CF

 B035CF

 AC20CF

 B44ACF

 A80CCF

 B85ECF

 A500CF

 BD73CF

 C188CF

 C59DCF

 C9B1CF

 CDC6CF

 D1DBCf

 D6EFCF

# Harmonies

## Analogous

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



0067FE



B035CF



E40089

# Triad

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



B035CF



9B6600



008EA5

# Complementary

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



B035CF



54CF35

# 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.



008C57



B035CF



567C00

# Square

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



B035CF



CE3C00



008700



008CE5

# Rectangle

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



B035CF



ED0058



008700



008E8C



# Sweetspot

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



B035CF



F4C7FF



3556CF



795E80



000000



808080



# Same Dimension

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



B035CF



D11CFF



CF35A3



665E69



8600A8



210029



# Inverse Universe

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



CF3554



FF1C4A



35CF61



695E60



A80022



290008



# Previews

## White Background



This preview shows how the Hex color B035CF looks on a white background.

## Color Contrast Check

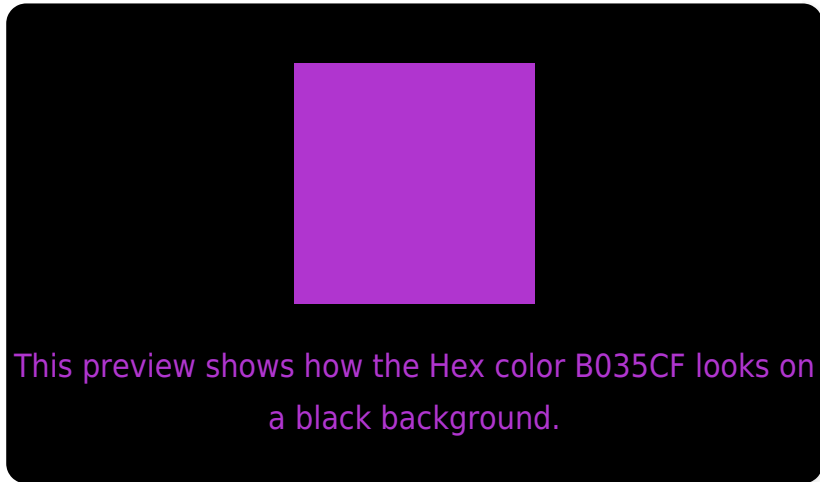
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

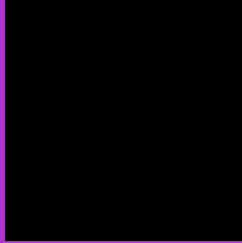
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B035CF Background



This preview shows how black text looks on a background with the Hex color B035CF.

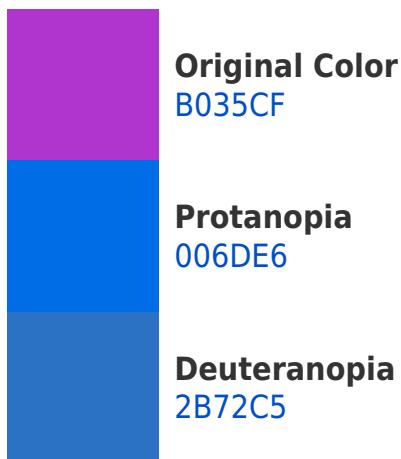



This preview shows how white text looks on a background with the Hex color B035CF.

# 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](#).

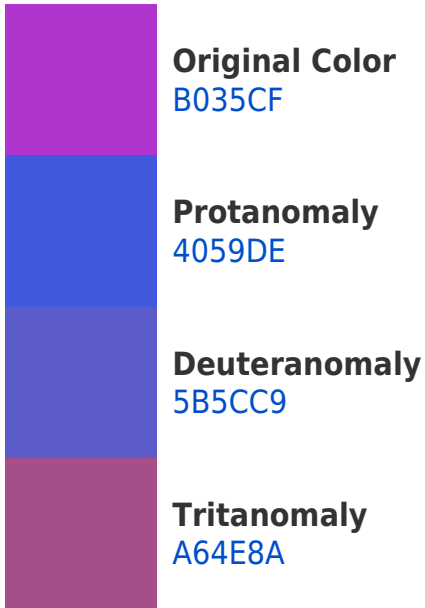
## Dichromacy



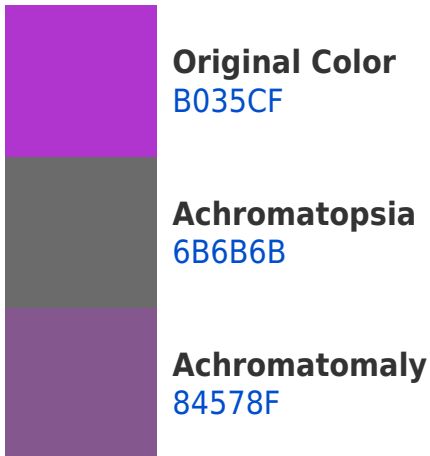


**Tritanopia**  
A15C63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B035CF 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 #B035CF looks like.

```
.text, #text, p{  
    color:#B035CF  
}
```

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 #B035CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B035CF
}
```

## Border

The CSS property to change the border of an element to Hex B035CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

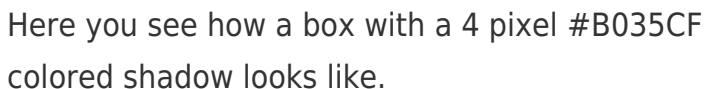
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B035CF }
```

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

```
.border{ border-color:#B035CF }
```

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



Here you see how a box with a 4 pixel #B035CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B035CF; -webkit-box-shadow:4px 4px  
4px 4px #B035CF; box-shadow:4px 4px 4px  
4px #B035CF }
```

# Background

The CSS property to change the background color of an element to Hex B035CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B035CF }
```

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

```
.background{ background-color:#B035CF }
```

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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