

Converting Colors

Hex(B34ACC)

Have a look what the booklet for
Hex(B34ACC) contains.

Hex(B34ACC)	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(B34ACC)

Conversions

Conversions Part 1

Format	Color
Hex	B34ACC
RGB	179, 74, 204
RGB Percent	70%, 29%, 80%
CMY	0.2980, 0.7098, 0.2000
CMYK	0.12, 0.64, 0.00, 0.20
HSL	288°, 56%, 55%
HSV	288°, 64%, 80%
XYZ	31.9383, 18.8409, 59.0801
YIQ	120.2150, 20.8500, 62.6900

Conversions

Conversions Part 2

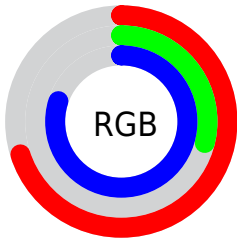
Format	Color
RYB	179, 74, 204
Decimal	11750092
CIELab	50.50, 60.97, -48.47
CIElCh	51, 77.890, 321.517
Yxy	18.8409, 0.2907, 0.1715
Android (android.graphics.Color)	4289940172 (0xFFB34ACC)
YUV	120.2150, 41.3060, 51.5544
Hunter-Lab	43.4061, 55.3799, -50.3154

Details

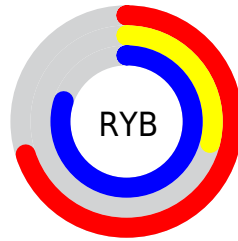
The Hex color **B34ACC** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted purple. A complement of this color would be **63CC4A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **ED81FF**, and **7B0495** is the 20% darker color. If you saturate the color by 10%, you get **AF36CC**, and if you desaturate by 10%, it is **B75ECC**.

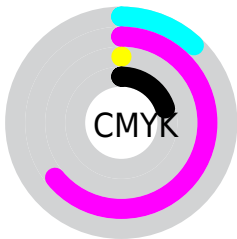
Distribution



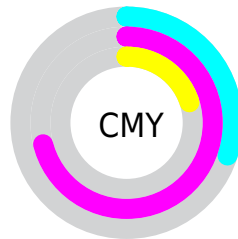
- Red (70%)
- Green (29%)
- Blue (80%)



- Red (70%)
- Yellow (29%)
- Blue (80%)



- Cyan (12%)
- Magenta (64%)
- Yellow (0%)
- Black (20%)



- Cyan (30%)
- Magenta (71%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color B34ACC 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 B34ACC by changing the saturation by 10% instead.

 B34ACC

 B34ACC

FFFFFF

 972DB0

 ED81FF

 7B0495

 FF9DFF

 5F007B

 FFB9FF

 440061

 FFD6FF

 2C0049

 FFF3FF

 050031

 00011B

 000000

 B34ACC

 B34ACC

 AF36CC

 B75ECC

 AB21CC

 BB73CC

 A70DCC

 BF87CC

 A500CC

 C39CCC

 C7B0CC

 CBC4CC

 CED9CC

 D2EDCC

 D6FFCC

Harmonies

Analogous

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



366FF6



B34ACC



E21A8E

Triad

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



B34ACC



A26F00



0094A7

Complementary

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



B34ACC



63CC4A

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.



009362



B34ACC



658300

Square

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



B34ACC



CF4E00



008E16



0091E0

Rectangle

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



B34ACC



EA1362



008E16



009491

Sweetspot

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



B34ACC



F6CFFF



4A64CC



7A6280



000000



808080

Same Dimension

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



B34ACC



DA3DFF



CC4AA5



645C66



8600A6



1F0026

Inverse Universe

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



CC4A63



FF3D62



4ACC71



665C5E



A60020



260007

Previews

White Background



This preview shows how the Hex color B34ACC looks on a white background.

Color Contrast Check

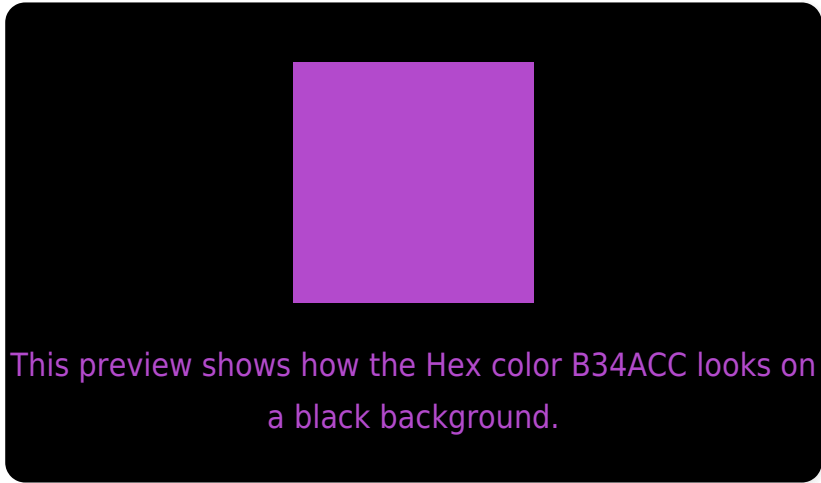
Large Text (above 18pt) WCAG AA ✓ Pass

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

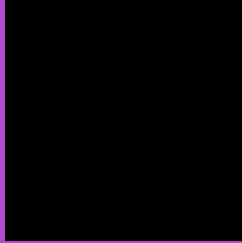
Any Text WCAG AA ✓ Pass

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 B34ACC Background



This preview shows how black text looks on a background with the Hex color B34ACC.

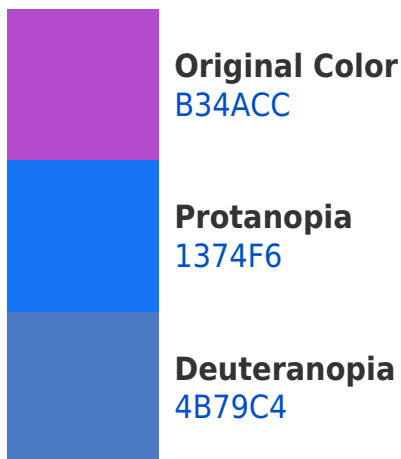



This preview shows how white text looks on a background with the Hex color B34ACC.

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
A6666E

Trichromacy



Original Color
B34ACC



Protanomaly
4D65E7



Deuteranomaly
7168C7



Tritanomaly
AB5C90

Monochromacy



Original Color
B34ACC



Achromatopsia
787878



Achromatomaly
8D6797

CSS Examples

Text

The CSS property to change the color of the text to Hex B34ACC 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 #B34ACC looks like.

```
.text, #text, p{  
    color:#B34ACC  
}
```

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 #B34ACC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B34ACC
}
```

Border

The CSS property to change the border of an element to Hex B34ACC 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
#B34ACC }
```

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

```
.border{ border-color:#B34ACC }
```

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

Here you see how a box with a 4 pixel #B34ACC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B34ACC; -webkit-box-shadow:4px 4px  
4px 4px #B34ACC; box-shadow:4px 4px 4px  
4px #B34ACC }
```

Background

The CSS property to change the background color of an element to Hex B34ACC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B34ACC }
```

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

```
.background{ background-color:#B34ACC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor