

Converting Colors

Hex(B34CAC)

Have a look what the booklet for
Hex(B34CAC) contains.

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Color

Hex(B34CAC)

Conversions

Conversions Part 1

Format	Color
Hex	B34CAC
RGB	179, 76, 172
RGB Percent	70%, 30%, 67%
CMY	0.2980, 0.7020, 0.3255
CMYK	0.00, 0.58, 0.04, 0.30
HSL	304°, 40%, 50%
HSV	304°, 58%, 70%
XYZ	28.6212, 17.7311, 40.9437
YIQ	117.7410, 30.5720, 51.6920

Conversions

Conversions Part 2

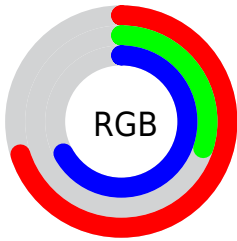
Format	Color
R_{YB}	179, 76, 172
Decimal	11750572
CIE _{Lab}	49.17, 54.24, -32.00
CIE _{LCh}	49, 62.972, 329.461
Yxy	17.7311, 0.3279, 0.2031
Android (android.graphics.Color)	4289940652 (0xFFB34CAC)
YUV	117.7410, 26.7497, 53.7241
Hunter-Lab	42.1084, 47.6376, -28.1742

Details

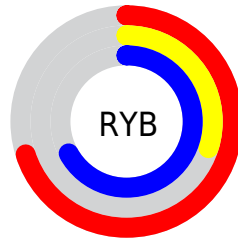
The Hex color **B34CAC** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4CB353**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **ED82E4**, and **7B0F77** is the 20% darker color. If you saturate the color by 10%, you get **B33AAB**, and if you desaturate by 10%, it is **B35EAD**.

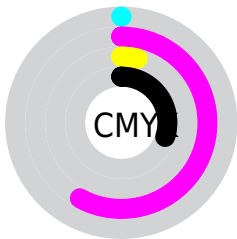
Distribution



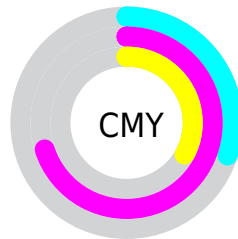
- Red (70%)
- Green (30%)
- Blue (67%)



- Red (70%)
- Yellow (30%)
- Blue (67%)



- Cyan (0%)
- Magenta (58%)
- Yellow (4%)
- Black (30%)



- Cyan (30%)
- Magenta (70%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color B34CAC 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 B34CAC by changing the saturation by 10% instead.

 B34CAC

 B34CAC

FFFFFF

 973091

 ED82E4

 7B0F77

 FF9EFF

 60005E

 FFBAFF

 460046

 FFD6FF

 2F0030

 FFF3FF

 040019

 000000

 B34CAC

 B34CAC

 B33AAB

 B35EAD

 B328AA

 B370AE

 B316A8

 B382B0

 B304A7

 B394B1

 B300A7

 B3A5B2

 B3B7B3

 B3C9B5

 B3DDB6

 B3EDB7

Harmonies

Analogous

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



6F67D3



B34CAC



D03978

Triad

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



B34CAC



8E7200



008CA8

Complementary

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



B34CAC



4CB353

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.



008C72



B34CAC



598100

Square

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



B34CAC



B65C10



00893B



0088D1

Rectangle

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



B34CAC



D23D55



00893B



008D97

Sweetspot

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



B34CAC



E8C1E5



534CB3



755E74



F5F5F5



757575

Same Dimension

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



B34CAC



E848DD



B34C79



595059



99008F



1A0018

Inverse Universe

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



B34CAC



E848DD



4CB386



595059



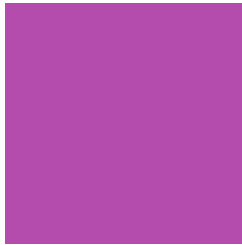
99008F



1A0018

Previews

White Background



This preview shows how the Hex color B34CAC looks on a white background.

Color Contrast Check

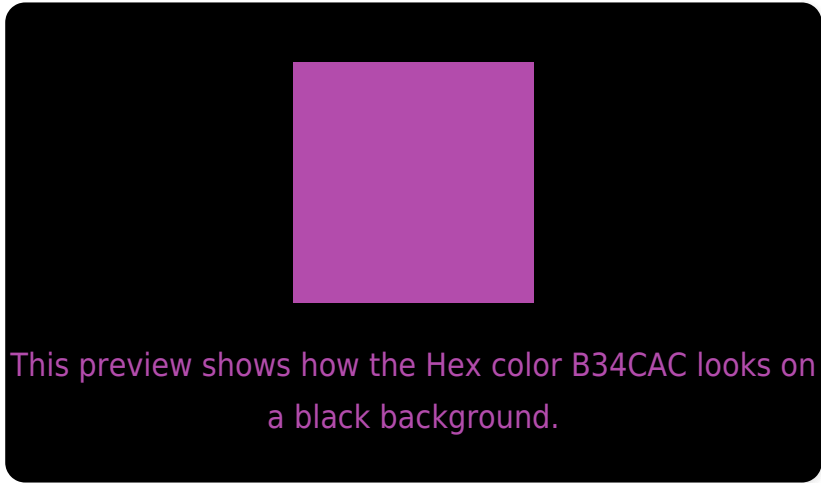
Large Text (above 18pt) WCAG AA ✓ Pass

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

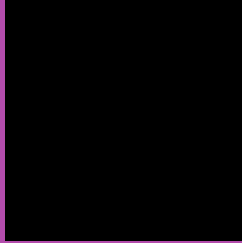
Any Text WCAG AA ✓ Pass

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 B34CAC Background



This preview shows how black text looks on a background with the Hex color B34CAC.

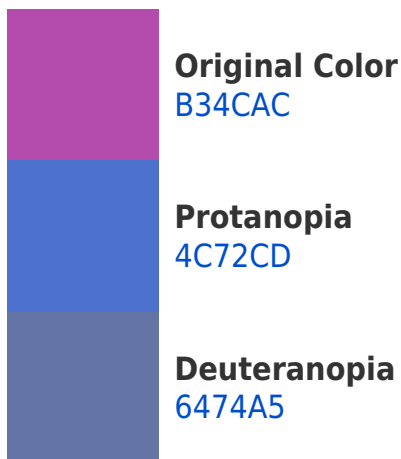


This preview shows how white text looks on a background with the Hex color B34CAC.

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](#).

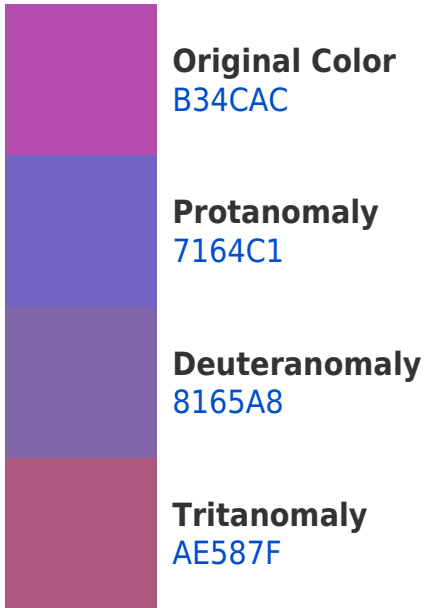
Dichromacy





Tritanopia
AB5F65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B34CAC 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 #B34CAC looks like.

```
.text, #text, p{  
    color:#B34CAC  
}
```

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 #B34CAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B34CAC
}
```

Border

The CSS property to change the border of an element to Hex B34CAC is called "border". The border property can be set on classes, ids or directly on the HTML element.

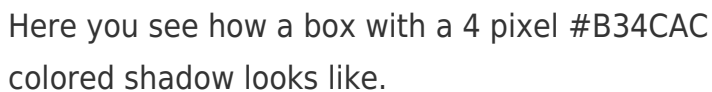
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B34CAC }
```

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

```
.border{ border-color:#B34CAC }
```

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



Here you see how a box with a 4 pixel #B34CAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B34CAC; -webkit-box-shadow:4px 4px  
4px 4px #B34CAC; box-shadow:4px 4px 4px  
4px #B34CAC }
```

Background

The CSS property to change the background color of an element to Hex B34CAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B34CAC }
```

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

```
.background{ background-color:#B34CAC }
```

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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