

Converting Colors

Hex(B34BB0)

Have a look what the booklet for
Hex(B34BB0) contains.

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Color

Hex(B34BB0)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B34BB0 |
| RGB | 179, 75, 176 |
| RGB Percent | 70%, 29%, 69% |
| CMY | 0.2980, 0.7059, 0.3098 |
| CMYK | 0.00, 0.58, 0.02, 0.30 |
| HSL | 302°, 41%, 50% |
| HSV | 302°, 58%, 70% |
| XYZ | 28.9430, 17.7504, 42.9750 |
| YIQ | 117.6100, 29.5630, 53.4590 |

Conversions

Conversions Part 2

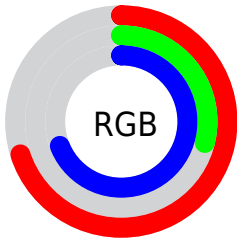
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 179, 75, 176 |
| Decimal | 11750320 |
| CIE _{Lab} | 49.19, 55.39, -34.31 |
| CIE _{LCh} | 49, 65.150, 328.226 |
| Yxy | 17.7504, 0.3228, 0.1980 |
| Android (android.graphics.Color) | 4289940400 (0xFFB34BB0) |
| YUV | 117.6100, 28.7863, 53.8390 |
| Hunter-Lab | 42.1313, 48.8945, -30.9855 |

Details

The Hex color **B34BB0** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4BB34E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **ED81E8**, and **7B0C7B** is the 20% darker color. If you saturate the color by 10%, you get **B339AF**, and if you desaturate by 10%, it is **B35DB1**.

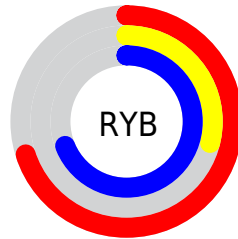
Distribution



Red (70%)

Green (29%)

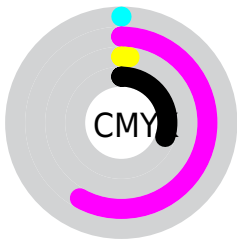
Blue (69%)



Red (70%)

Yellow (29%)

Blue (69%)

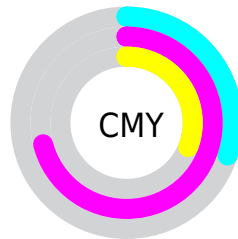


Cyan (0%)

Magenta (58%)

Yellow (2%)

Black (30%)



Cyan (30%)

Magenta (71%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color B34BB0 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 B34BB0 by changing the saturation by 10% instead.

 B34BB0

 B34BB0

FFFFFF

 972F95

 ED81E8

 7B0C7B

 FF9DFF

 600062

 FFB9FF

 460049

 FFD6FF

 2F0033

 FFF3FF

 05001C

 000000

 B34BB0

 B34BB0

 B339AF

 B35DB1

 B327AF

 B36FB1

 B315AE

 B381B2

 B303AE

 B393B2

 B300AE

 B3A5B3

 B3B6B3

 B3C8B4

 B3DAB4

 B3ECB5

Harmonies

Analogous

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



6968D7



B34BB0



D2357B

Triad

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



B34BB0



907100



008DA8

Complementary

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



B34BB0



4BB34E

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.



008D70



B34BB0



5A8100

Square

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



B34BB0



B95A0C



008936



0089D3

Rectangle

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



B34BB0



D53956



008936



008E96

Sweetspot

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



B34BB0



E8C1E7



4D4BB3



755E75



F5F5F5



757575

Same Dimension

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



B34BB0



E846E3



B34B7D



595059



990095



1A0019

Inverse Universe

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



B34BB0



E846E3



4BB381



595059



990095



1A0019

Previews

White Background



This preview shows how the Hex color B34BB0 looks on a white background.

Color Contrast Check

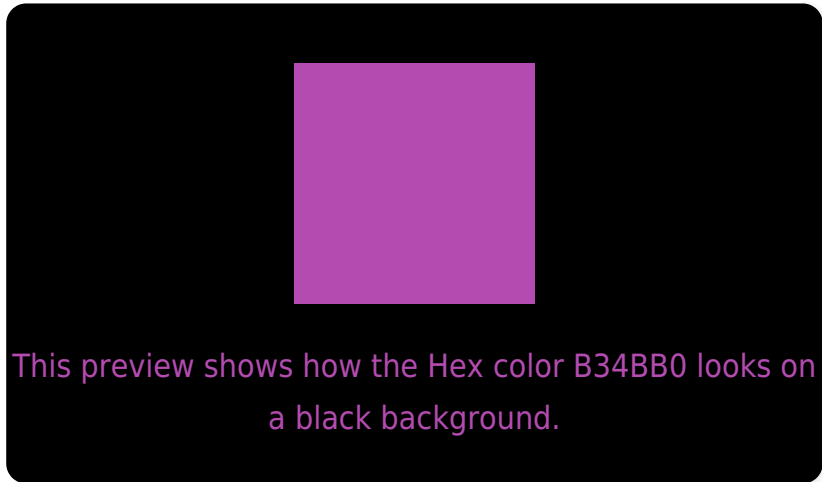
Large Text (above 18pt) WCAG AA ✓ Pass

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

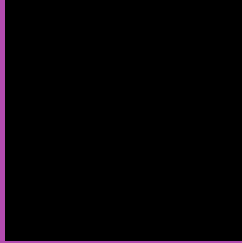
Any Text WCAG AA ✓ Pass

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 B34BB0 Background



This preview shows how black text looks on a background with the Hex color B34BB0.

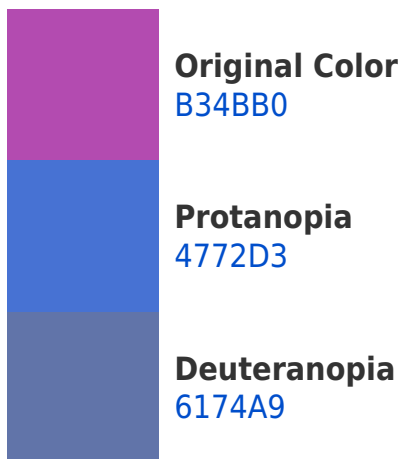


This preview shows how white text looks on a background with the Hex color B34BB0.

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](#).

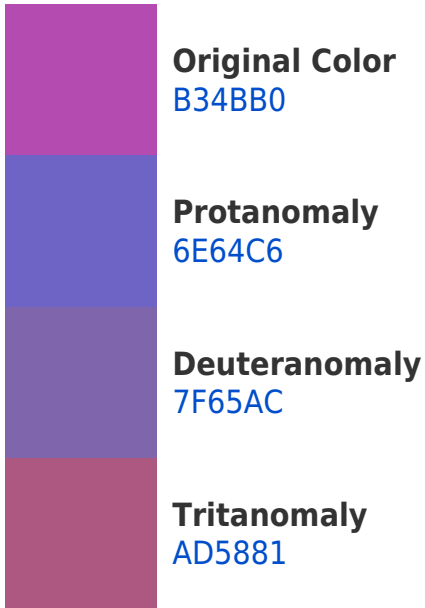
Dichromacy





Tritanopia
AA5F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B34BB0 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 #B34BB0 looks like.

```
.text, #text, p{  
    color:#B34BB0  
}
```

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 #B34BB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B34BB0
}
```

Border

The CSS property to change the border of an element to Hex B34BB0 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
#B34BB0 }
```

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

```
.border{ border-color:#B34BB0 }
```

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

Here you see how a box with a 4 pixel #B34BB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B34BB0; -webkit-box-shadow:4px 4px  
4px 4px #B34BB0; box-shadow:4px 4px 4px  
4px #B34BB0 }
```

Background

The CSS property to change the background color of an element to Hex B34BB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B34BB0 }
```

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

```
.background{ background-color:#B34BB0 }
```

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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