

Converting Colors

Hex(B34697)

Have a look what the booklet for
Hex(B34697) contains.

Hex(B34697)	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(B34697)

Conversions

Conversions Part 1

Format	Color
Hex	B34697
RGB	179, 70, 151
RGB Percent	70%, 27%, 59%
CMY	0.2980, 0.7255, 0.4078
CMYK	0.00, 0.61, 0.16, 0.30
HSL	315°, 44%, 49%
HSV	315°, 61%, 70%
XYZ	26.3665, 16.1984, 31.0151
YIQ	111.8250, 38.9630, 48.2990

Conversions

Conversions Part 2

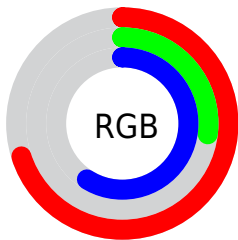
Format	Color
RYB	179, 70, 151
Decimal	11749015
CIELab	47.23, 53.53, -22.57
CIElCh	47, 58.097, 337.140
Yxy	16.1984, 0.3583, 0.2201
Android (android.graphics.Color)	4289939095 (0xFFB34697)
YUV	111.8250, 19.3133, 58.9125
Hunter-Lab	40.2472, 46.5050, -17.5167

Details

The Hex color **B34697** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **46B362**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **ED7CCD**, and **7B0264** is the 20% darker color. If you saturate the color by 10%, you get **B33492**, and if you desaturate by 10%, it is **B3589C**.

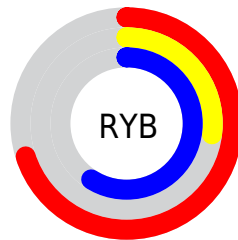
Distribution



Red (70%)

Green (27%)

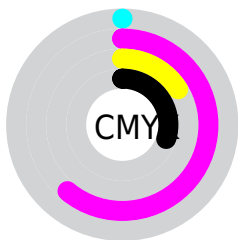
Blue (59%)



Red (70%)

Yellow (27%)

Blue (59%)

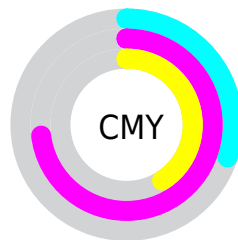


Cyan (0%)

Magenta (61%)

Yellow (16%)

Black (30%)



Cyan (30%)

Magenta (73%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color B34697 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 B34697 by changing the saturation by 10% instead.

 B34697

 B34697

FFFFFF

 972A7D

 ED7CCD

 7B0264

 FF98EA

 60004C

 FFB4FF

 460035

 FFD0FF

 2E001F

 FFEDFF

 000001

 000000

 B34697

 B34697

 B33492

 B3589C

 B3228E

 B36AA0

 B31089

 B37CA5

 B30085

 B38EA9

 B3A0AE

 B3B1B3

 B3C3B7

 B3D5BC

 B3E7C0

Harmonies

Analogous

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



805DBF



B34697



C63C66

Triad

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



B34697



7C7200



0085AA

Complementary

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



B34697



46B362

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.



00867B



B34697



487D16

Square

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



B34697



A45F08



008448



007FCA

Rectangle

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



B34697



C44347



008448



00869B

Sweetspot

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



B34697



E8BEDD



6146B3



755B6F



F5F5F5



757575

Same Dimension

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



B34697



E83FBD



B34661



595057



990072



1A0013

Inverse Universe

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



B34697



E83FBD



46B398



595057



990072



1A0013

Previews

White Background



This preview shows how the Hex color B34697 looks on a white background.

Color Contrast Check

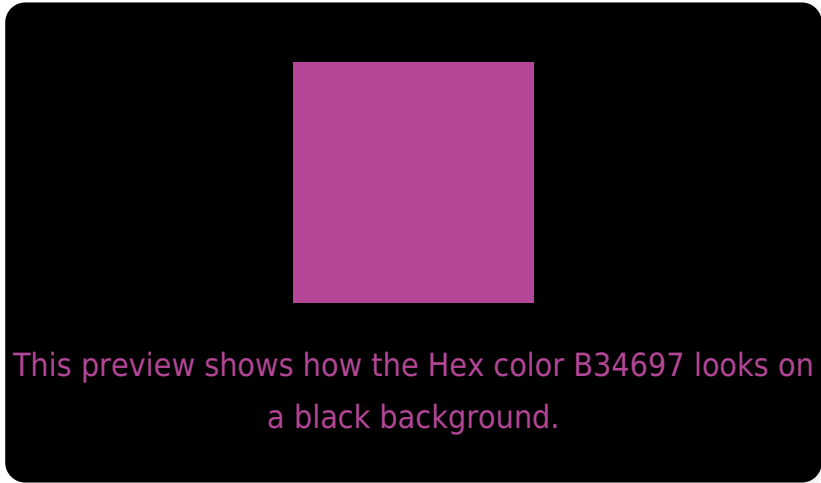
Large Text (above 18pt) WCAG AA ✓ Pass

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

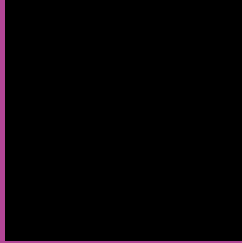
Any Text WCAG AA × Fail

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 B34697 Background



This preview shows how black text looks on a background with the Hex color B34697.



This preview shows how white text looks on a background with the Hex color B34697.

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](#).

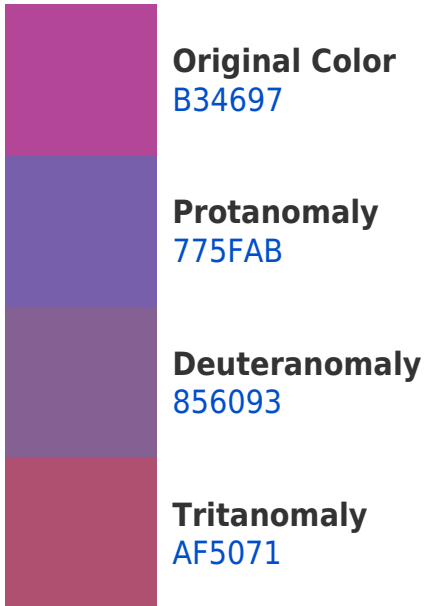
Dichromacy



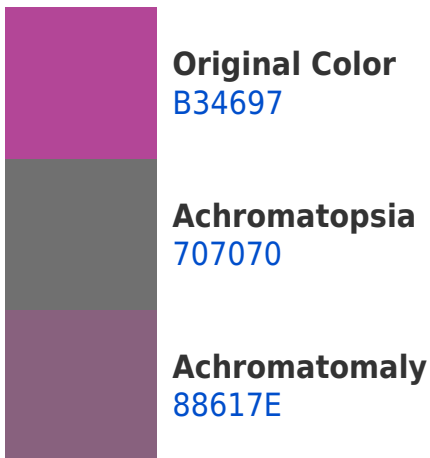


Tritanopia
AD555B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B34697 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 #B34697 looks like.

```
.text, #text, p{  
  color:#B34697  
}
```

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 #B34697 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B34697
}
```

Border

The CSS property to change the border of an element to Hex B34697 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
#B34697 }
```

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

```
.border{ border-color:#B34697 }
```

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

Here you see how a box with a 4 pixel #B34697 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B34697; -webkit-box-shadow:4px 4px  
4px 4px #B34697; box-shadow:4px 4px 4px  
4px #B34697 }
```

Background

The CSS property to change the background color of an element to Hex B34697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B34697 }
```

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

```
.background{ background-color:#B34697 }
```

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