

Converting Colors

Hex(B3429C)

Have a look what the booklet for
Hex(B3429C) contains.

Hex(B3429C)	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(B3429C)

Conversions

Conversions Part 1

Format	Color
Hex	B3429C
RGB	179, 66, 156
RGB Percent	70%, 26%, 61%
CMY	0.2980, 0.7412, 0.3882
CMYK	0.00, 0.63, 0.13, 0.30
HSL	312°, 46%, 48%
HSV	312°, 63%, 70%
XYZ	26.5394, 15.8804, 33.1189
YIQ	110.0470, 38.4580, 51.9460

Conversions

Conversions Part 2

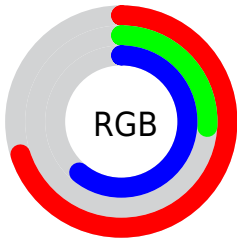
Format	Color
RYB	179, 66, 156
Decimal	11747996
CIELab	46.82, 56.04, -26.20
CIELCh	47, 61.862, 334.944
Yxy	15.8804, 0.3513, 0.2102
Android (android.graphics.Color)	4289938076 (0xFFB3429C)
YUV	110.0470, 22.6548, 60.4718
Hunter-Lab	39.8503, 49.1390, -21.3798

Details

The Hex color **B3429C** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **42B359**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **ED79D3**, and **7B0068** is the 20% darker color. If you saturate the color by 10%, you get **B33098**, and if you desaturate by 10%, it is **B354A0**.

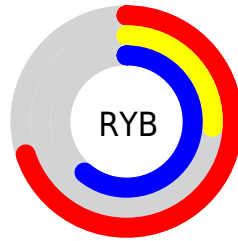
Distribution



Red (70%)

Green (26%)

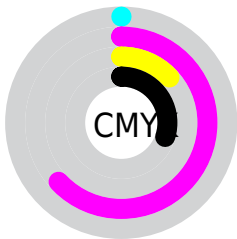
Blue (61%)



Red (70%)

Yellow (26%)

Blue (61%)

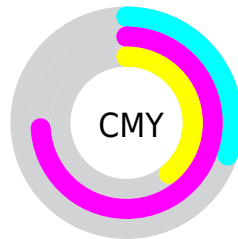


Cyan (0%)

Magenta (63%)

Yellow (13%)

Black (30%)



Cyan (30%)

Magenta (74%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3429C 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 B3429C by changing the saturation by 10% instead.

 B3429C

 B3429C

FFFFFF

 972482

 ED79D3

 7B0068

 FF95EF

 600050

 FFB1FF

 450039

 FFCDFD

 2D0023

 FFEAFF

 000008

 000000

 B3429C

 B3429C

 B33098

 B354A0

 B31E95

 B366A3

 B30C91

 B378A7

 B3008F

 B38AAB

 B39BAE

 B3ADB2

 B3BFB6

 B3D1B9

 B3E3BD

Harmonies

Analogous

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



795DC5



B3429C



C93369

Triad

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



B3429C



7E7000



0085A9

Complementary

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



B3429C



42B359

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.



008676



B3429C



487C02

Square

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



B3429C



A85B00



008340



0080CD

Rectangle

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



B3429C



C83B47



008340



00869A

Sweetspot

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



B3429C



E8BCDF



5942B3



755A70



F5F5F5



757575

Same Dimension

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



B3429C



E838C4



B34264



595057



99007A



1A0014

Inverse Universe

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



B3429C



E838C4



42B391



595057



99007A



1A0014

Previews

White Background



This preview shows how the Hex color B3429C looks on a white background.

Color Contrast Check

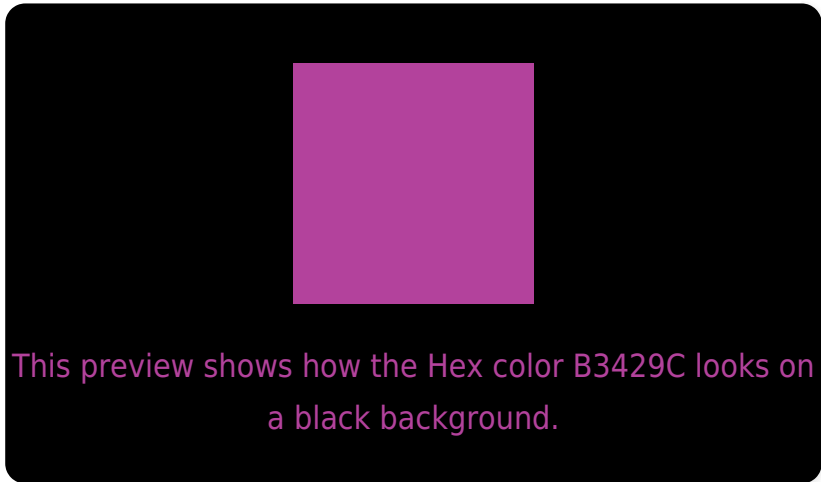
Large Text (above 18pt) WCAG AA ✓ Pass

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

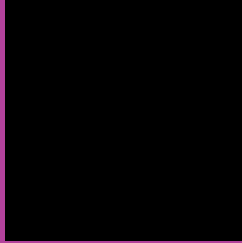
Any Text WCAG AA × Fail

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 B3429C Background



This preview shows how black text looks on a background with the Hex color B3429C.



This preview shows how white text looks on a background with the Hex color B3429C.

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
AC545A

Trichromacy



Original Color
B3429C



Protanomaly
715DB3



Deuteranomaly
825E98



Tritanomaly
AF4D72

Monochromacy



Original Color
B3429C



Achromatopsia
6E6E6E



Achromatomaly
875E7F

CSS Examples

Text

The CSS property to change the color of the text to Hex B3429C 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 #B3429C looks like.

```
.text, #text, p{  
    color:#B3429C  
}
```

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 #B3429C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3429C
}
```

Border

The CSS property to change the border of an element to Hex B3429C is called "border". The border property can be set on classes, ids or directly on the HTML element.

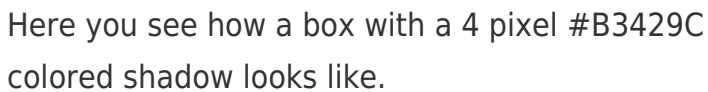
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B3429C }
```

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

```
.border{ border-color:#B3429C }
```

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



Here you see how a box with a 4 pixel #B3429C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3429C; -webkit-box-shadow:4px 4px  
4px 4px #B3429C; box-shadow:4px 4px 4px  
4px #B3429C }
```

Background

The CSS property to change the background color of an element to Hex B3429C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3429C }
```

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

```
.background{ background-color:#B3429C }
```

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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