

Converting Colors

Hex(B549C6)

Have a look what the booklet for
Hex(B549C6) contains.

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Color

Hex(B549C6)

Conversions

Conversions Part 1

Format	Color
Hex	B549C6
RGB	181, 73, 198
RGB Percent	71%, 29%, 78%
CMY	0.2902, 0.7137, 0.2235
CMYK	0.09, 0.63, 0.00, 0.22
HSL	292°, 52%, 53%
HSV	292°, 63%, 78%
XYZ	31.6316, 18.6661, 55.3618
YIQ	119.5420, 24.2430, 61.7710

Conversions

Conversions Part 2

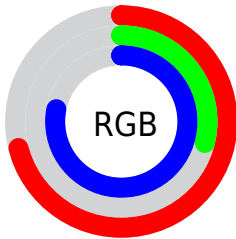
Format	Color
RYB	181, 73, 198
Decimal	11880902
CIELab	50.29, 60.74, -45.33
CIElCh	50, 75.794, 323.269
Yxy	18.6661, 0.2994, 0.1767
Android (android.graphics.Color)	4290070982 (0xFFB549C6)
YUV	119.5420, 38.6798, 53.8987
Hunter-Lab	43.2042, 55.0800, -45.7311

Details

The Hex color **B549C6** 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 **5AC649**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **EF80FF**, and **7D018F** is the 20% darker color. If you saturate the color by 10%, you get **B235C6**, and if you desaturate by 10%, it is **B85DC6**.

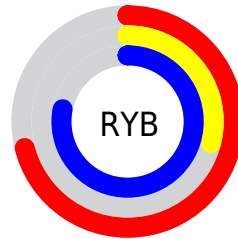
Distribution



Red (71%)

Green (29%)

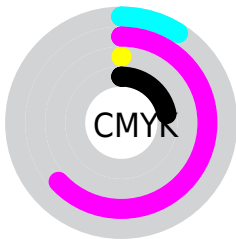
Blue (78%)



Red (71%)

Yellow (29%)

Blue (78%)

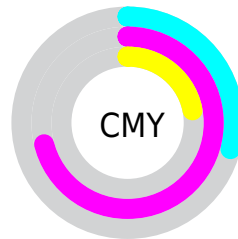


Cyan (9%)

Magenta (63%)

Yellow (0%)

Black (22%)



Cyan (29%)

Magenta (71%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color B549C6 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 B549C6 by changing the saturation by 10% instead.

 B549C6

 B549C6

FFFFFF

 992CAA

 EF80FF

 7D018F

 FF9CFF

 610075

 FFB8FF

 46005C

 FFD5FF

 2F0044

 FFF2FF

 0A002D

 000117

 000000

 B549C6

 B549C6

 B235C6

 B85DC6

 B021C6

 BA71C6

 AD0EC6

 BD84C6

 AB00C6

 C098C6

 C2ACC6

 C5C0C6

 C8D4C6

 CBE7C6

 CDFBC6

Harmonies

Analogous

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



496DF0



B549C6



E01F89

Triad

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



B549C6



9D7000



0093A9

Complementary

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



B549C6



5AC649

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.



009267



B549C6



618300

Square

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



B549C6



CB5200



008D1F



0090DF

Rectangle

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



B549C6



E71E5E



008D1F



009394

Sweetspot

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



B549C6



F8CFFF



495CC6



7C6280



000000



808080

Same Dimension

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



B549C6



E53DFF



C6499A



625A63



8D00A3



1F0024

Inverse Universe

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



C6495A



FF3D58



49C675



635A5B



A30016



240005

Previews

White Background



This preview shows how the Hex color B549C6 looks on a white background.

Color Contrast Check

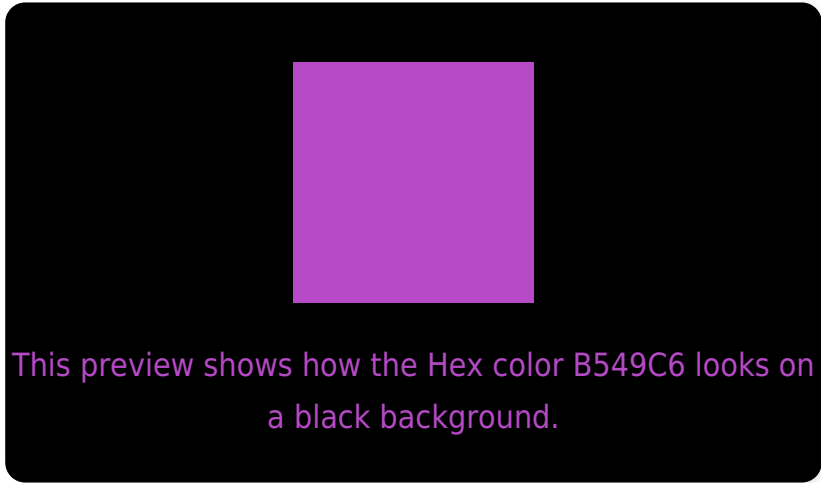
Large Text (above 18pt) WCAG AA ✓ Pass

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

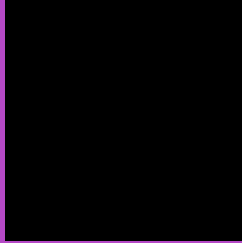
Any Text WCAG AA ✓ Pass

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 B549C6 Background



This preview shows how black text looks on a background with the Hex color B549C6.

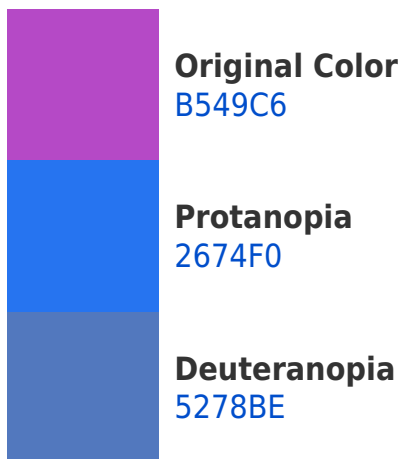


This preview shows how white text looks on a background with the Hex color B549C6.

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](#).

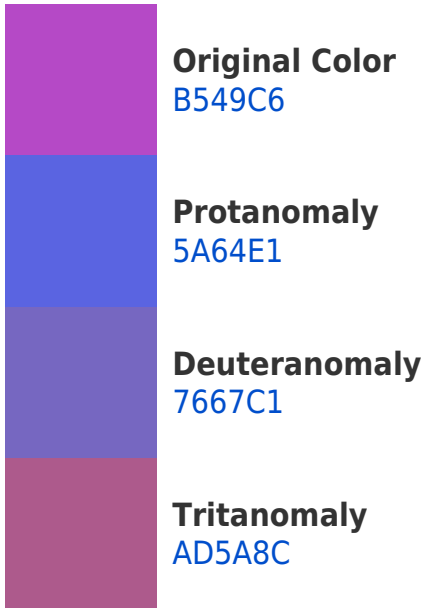
Dichromacy



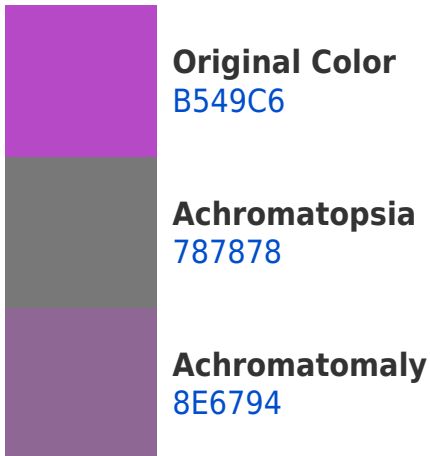


Tritanopia
A9646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B549C6 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 #B549C6 looks like.

```
.text, #text, p{  
    color:#B549C6  
}
```

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 #B549C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B549C6
}
```

Border

The CSS property to change the border of an element to Hex B549C6 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
#B549C6 }
```

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

```
.border{ border-color:#B549C6 }
```

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

Here you see how a box with a 4 pixel #B549C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B549C6; -webkit-box-shadow:4px 4px  
4px 4px #B549C6; box-shadow:4px 4px 4px  
4px #B549C6 }
```

Background

The CSS property to change the background color of an element to Hex B549C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B549C6 }
```

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

```
.background{ background-color:#B549C6 }
```

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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