

Converting Colors

Hex(B53AC1)

Have a look what the booklet for
Hex(B53AC1) contains.

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Color

Hex(**B53AC1**)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B53AC1 |
| RGB | 181, 58, 193 |
| RGB Percent | 71%, 23%, 76% |
| CMY | 0.2902, 0.7725, 0.2431 |
| CMYK | 0.06, 0.70, 0.00, 0.24 |
| HSL | 295°, 54%, 49% |
| HSV | 295°, 70%, 76% |
| XYZ | 30.1948, 16.7001, 52.0841 |
| YIQ | 110.1670, 29.9730, 68.0610 |

Conversions

Conversions Part 2

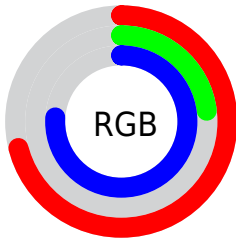
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 181, 58, 193 |
| Decimal | 11877057 |
| CIE _{Lab} | 47.88, 65.82, -46.28 |
| CIE _{LCh} | 48, 80.463, 324.891 |
| Yxy | 16.7001, 0.3051, 0.1687 |
| Android (android.graphics.Color) | 4290067137 (0xFFB53AC1) |
| YUV | 110.1670, 40.8367, 62.1205 |
| Hunter-Lab | 40.8658, 60.3742, -46.9600 |

Details

The Hex color **B53AC1** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted purple. A complement of this color would be **46C13A**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **F074FA**, and **7C008B** is the 20% darker color. If you saturate the color by 10%, you get **B327C1**, and if you desaturate by 10%, it is **B74DC1**.

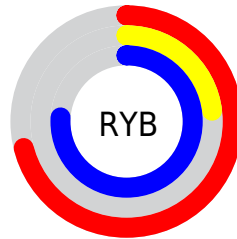
Distribution



Red (71%)

Green (23%)

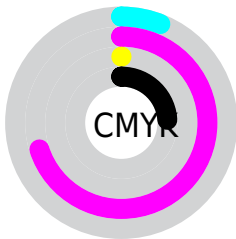
Blue (76%)



Red (71%)

Yellow (23%)

Blue (76%)

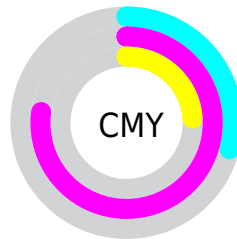


Cyan (6%)

Magenta (70%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (77%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color B53AC1 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 B53AC1 by changing the saturation by 10% instead.

 B53AC1

 B53AC1

FFFFFF

 9816A5

 F074FA

 7C008B

 FF90FF

 600071

 FFACFF

 450058

 FFC9FF

 2C0040

 FFE6FF

 020028

 000112

 000000

 B53AC1

 B53AC1

 B327C1

 B74DC1

 B213C1

 B861C1

 B000C1

 BA74C1

 BC87C1

 BE9BC1

 BFAEC1

 C1C1C1

 C3D4C1

 C4E8C1

Harmonies

Analogous

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



4265EF



B53AC1



DF0080

Triad

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



B53AC1



946B00



008EA9

Complementary

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



B53AC1



46C13A

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.



008D64



B53AC1



537E00

Square

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



B53AC1



C54A00



008815



008AE1

Rectangle

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



B53AC1



E40054



008815



008E93

Sweetspot

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



B53AC1



F5C5FA



3A47C1



7A5E7D



FCFCFC



7D7D7D

Same Dimension

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



B53AC1



E728FA



C13A8B



605761



9200A1



1E0021

Inverse Universe

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



C13A46



FA283B



3AC170



615758



A1000E



210003

Previews

White Background



This preview shows how the Hex color B53AC1 looks on a white background.

Color Contrast Check

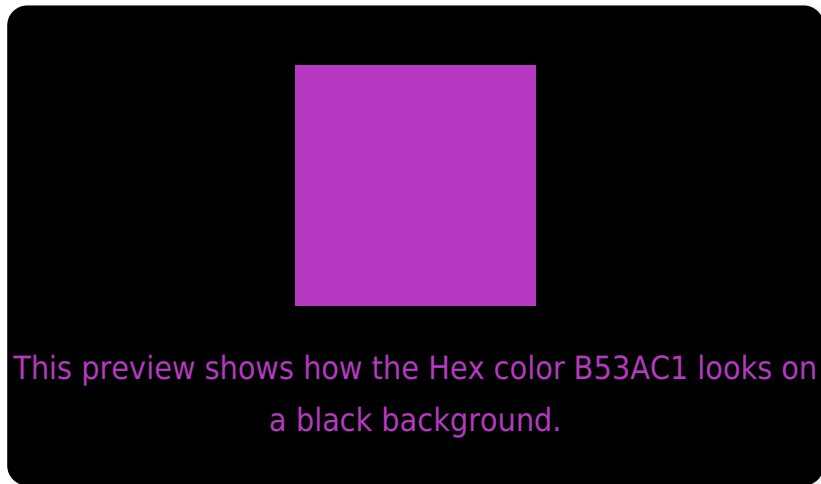
Large Text (above 18pt) WCAG AA ✓ Pass

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

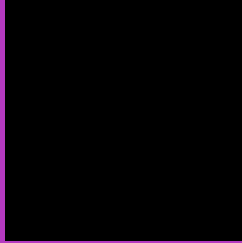
Any Text WCAG AA × Fail

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 B53AC1 Background



This preview shows how black text looks on a background with the Hex color B53AC1.

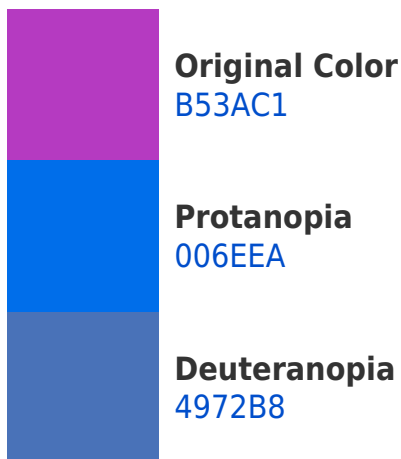



This preview shows how white text looks on a background with the Hex color B53AC1.

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](#).

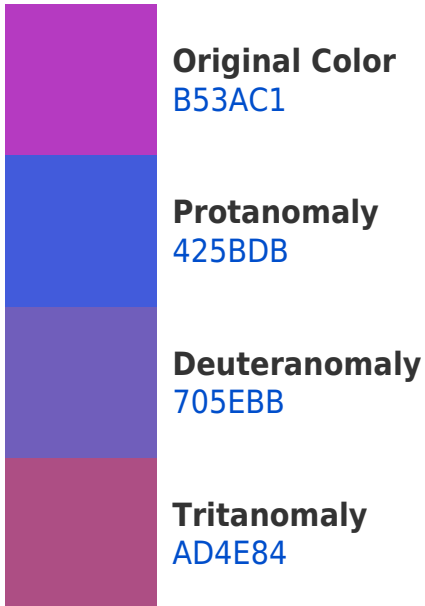
Dichromacy





Tritanopia
A95A61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B53AC1 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 #B53AC1 looks like.

```
.text, #text, p{  
    color:#B53AC1  
}
```

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 #B53AC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B53AC1
}
```

Border

The CSS property to change the border of an element to Hex B53AC1 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
#B53AC1 }
```

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

```
.border{ border-color:#B53AC1 }
```

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

Here you see how a box with a 4 pixel #B53AC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B53AC1; -webkit-box-shadow:4px 4px  
4px 4px #B53AC1; box-shadow:4px 4px 4px  
4px #B53AC1 }
```

Background

The CSS property to change the background color of an element to Hex B53AC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B53AC1 }
```

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

```
.background{ background-color:#B53AC1 }
```

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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