

# Converting Colors

Hex(BC53A9)

Have a look what the booklet for  
Hex(BC53A9) contains.

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# Color

**Hex(BC53A9)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | BC53A9                     |
| RGB           | 188, 83, 169               |
| RGB Percent   | 74%, 33%, 66%              |
| CMY           | 0.2627, 0.6745, 0.3373     |
| CMYK          | 0.00, 0.56, 0.10, 0.26     |
| HSL           | 311°, 44%, 53%             |
| HSV           | 311°, 56%, 74%             |
| XYZ           | 30.9937, 19.7425, 39.7132  |
| YIQ           | 124.1990, 34.9740, 49.0060 |

# Conversions

## Conversions Part 2

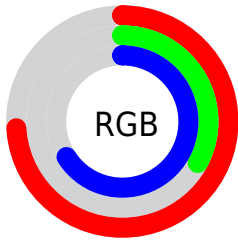
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 188, 83, 169                  |
| Decimal                             | 12342185                      |
| CIE Lab                             | 51.54, 53.01, -26.44          |
| CIE LCh                             | 52, 59.237, 333.491           |
| Yxy                                 | 19.7425, 0.3427,<br>0.2183    |
| Android<br>(android.graphics.Color) | 4290532265<br>(0xFFBC53A9)    |
| YUV                                 | 124.1990, 22.0869,<br>55.9535 |
| Hunter-Lab                          | 44.4325, 46.7552,<br>-21.8900 |

# Details

The Hex color **BC53A9** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **53BC66**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **F689E0**, and **841975** is the 20% darker color. If you saturate the color by 10%, you get **BC40A6**, and if you desaturate by 10%, it is **BC66AC**.

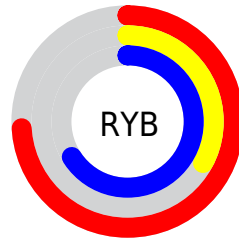
# Distribution



Red (74%)

Green (33%)

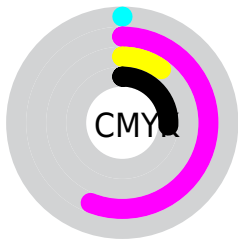
Blue (66%)



Red (74%)

Yellow (33%)

Blue (66%)

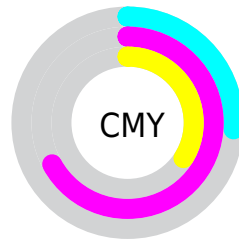


Cyan (0%)

Magenta (56%)

Yellow (10%)

Black (26%)



Cyan (26%)

Magenta (67%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC53A9 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 BC53A9 by changing the saturation by 10% instead.



 BC53A9

 BC53A9

FFFFFF

 A0388E

 F689E0

 841975

 FFA5FD

 69005C

 FFC1FF

 4E0044

 FFDEFF

 36002D

 FFFBFF

 180018

 000000

 BC53A9

 BC53A9

 BC40A6

 BC66AC

 BC2DA2

 BC79B0

 BC1B9F

 BC8BB3

 BC089B

 BC9EB7

 BC009A

 BCB1BA

 BCC4BD

 BCD7C1

 BCE9C4

 BCFCC8

# Harmonies

## Analogous

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



826BD0



BC53A9



D44677

# Triad

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



BC53A9



8E7A00



0091B2

# Complementary

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



BC53A9



53BC66

# 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.



00927F



BC53A9



5A881A

# Square

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



BC53A9



B6671A



008F4B



008CD5

# Rectangle

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



BC53A9



D44B56



008F4B



0092A2



# Sweetspot

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



BC53A9



F5CBED



6453BC



7A6276



FAFAFA



7A7A7A



# Same Dimension

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



BC53A9



F551D7



BC5376



5E555D



9E0081



1F0019



# Inverse Universe

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



BC53A9



F551D7



53BC99



5E555D



9E0081



1F0019



# Previews

## White Background



This preview shows how the Hex color BC53A9 looks on a white background.

## Color Contrast Check

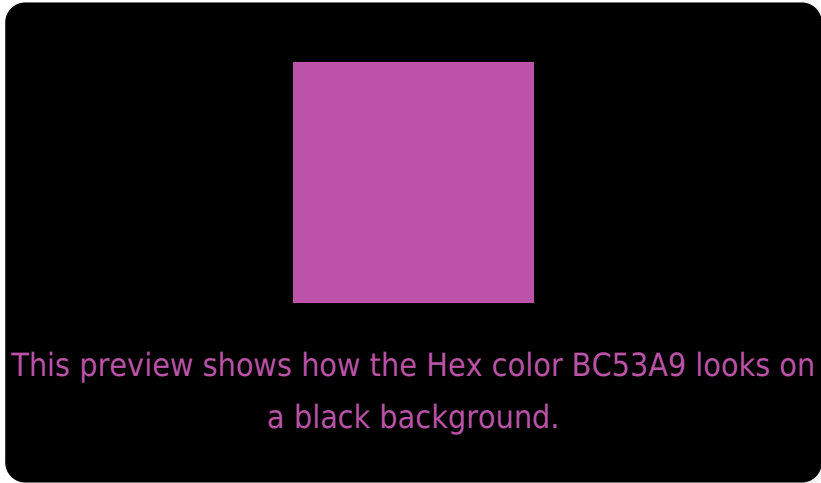
Large Text (above 18pt) WCAG AA ✓ Pass

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

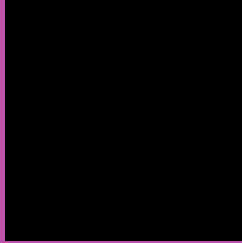
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BC53A9 Background



This preview shows how black text looks on a background with the Hex color BC53A9.

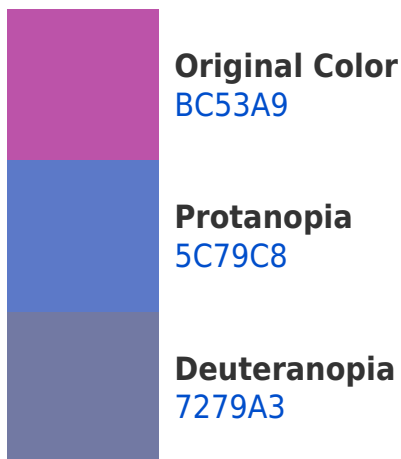



This preview shows how white text looks on a background with the Hex color BC53A9.

# 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](#).

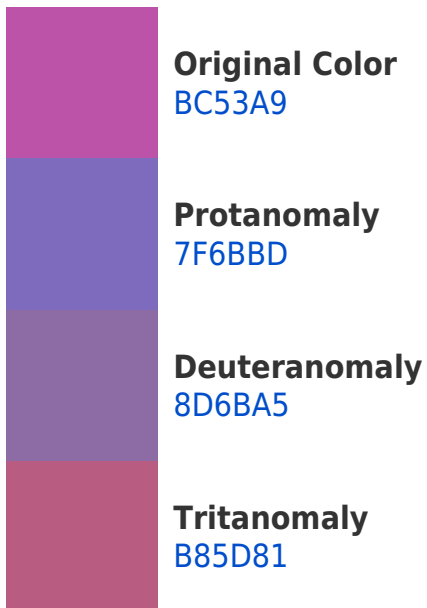
## Dichromacy





**Tritanopia**  
B5636A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC53A9 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 #BC53A9 looks like.

```
.text, #text, p{  
    color:#BC53A9  
}
```

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 #BC53A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC53A9
}
```

## Border

The CSS property to change the border of an element to Hex BC53A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

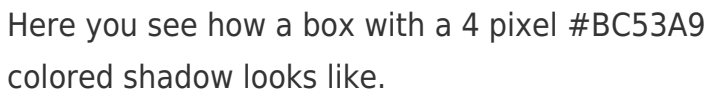
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC53A9 }
```

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

```
.border{ border-color:#BC53A9 }
```

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



Here you see how a box with a 4 pixel `#BC53A9` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC53A9; -webkit-box-shadow:4px 4px  
4px 4px #BC53A9; box-shadow:4px 4px 4px  
4px #BC53A9 }
```

# Background

The CSS property to change the background color of an element to Hex BC53A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC53A9 }
```

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

```
.background{ background-color:#BC53A9 }
```

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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