

# Converting Colors

Hex(B5389C)

Have a look what the booklet for  
Hex(B5389C) contains.

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**Color**

**Hex(B5389C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5389C
RGB	181, 56, 156
RGB Percent	71%, 22%, 61%
CMY	0.2902, 0.7804, 0.3882
CMYK	0.00, 0.69, 0.14, 0.29
HSL	312°, 53%, 46%
HSV	312°, 69%, 71%
XYZ	26.4710, 15.0524, 32.9627
YIQ	104.7750, 42.4000, 57.6000

# Conversions

## Conversions Part 2

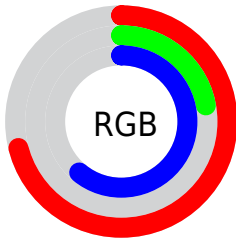
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 56, 156
Decimal	11876508
CIE <sub>Lab</sub>	45.71, 60.55, -27.90
CIE <sub>LCh</sub>	46, 66.669, 335.258
Yxy	15.0524, 0.3554, 0.2021
Android (android.graphics.Color)	4290066588 (0xFFB5389C)
YUV	104.7750, 25.2539, 66.8493
Hunter-Lab	38.7974, 53.8927, -23.2152

# Details

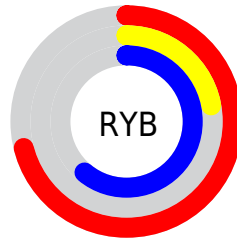
The Hex color **B5389C** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **38B551**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **F071D3**, and **7C0068** is the 20% darker color. If you saturate the color by 10%, you get **B52698**, and if you desaturate by 10%, it is **B54AA0**.

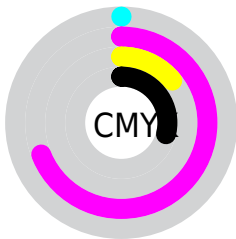
# Distribution



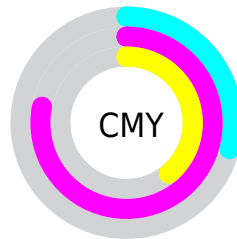
- Red (71%)
- Green (22%)
- Blue (61%)



- Red (71%)
- Yellow (22%)
- Blue (61%)



- Cyan (0%)
- Magenta (69%)
- Yellow (14%)
- Black (29%)



- Cyan (29%)
- Magenta (78%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5389C 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 B5389C by changing the saturation by 10% instead.



 B5389C

 B5389C

FFFFFF

 981582

 F071D3

 7C0068

 FF8DEF

 610050

 FFA9FF

 460039

 FFC6FF

 2D0023

 FFE3FF

 000008

 000000

 B5389C

 B5389C

 B52698

 B54AA0

 B51495

 B55CA3

 B50291

 B56EA7

 B50091

 B580AA

 B593AE

 B5A5B2

 B5B7B5

 B5C9B9

 B5DBBD

# Harmonies

## Analogous

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



7658C8



B5389C



CC2465

# Triad

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



B5389C



7B6D00



0084AC

# Complementary

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



B5389C



38B551

# 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.



008475



B5389C



3F7B00

# Square

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



B5389C



A75700



00813A



007ED2

# Rectangle

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



B5389C



CA3041



00813A



00849B



# Sweetspot

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



B5389C



EBB9E1



5138B5



75586F



F5F5F5



757575



# Same Dimension

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



B5389C



EB28C4



B5385E



595057



99007A



1A0014



# Inverse Universe

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



B5389C



EB28C4



38B590



595057



99007A



1A0014



# Previews

## White Background



This preview shows how the Hex color B5389C looks on a white background.

## Color Contrast Check

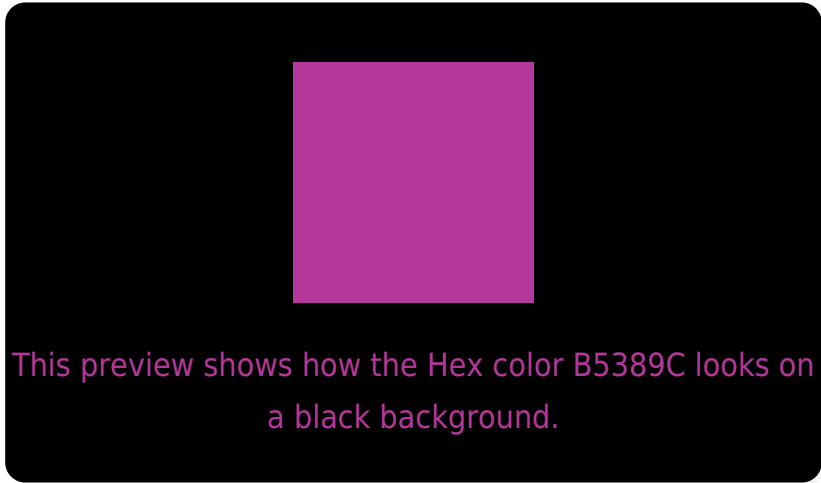
Large Text (above 18pt) WCAG AA ✓ Pass

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

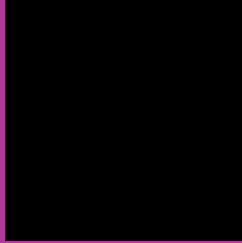
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B5389C Background



This preview shows how black text looks on a background with the Hex color B5389C.




This preview shows how white text looks on a background with the Hex color B5389C.

# 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**  
AE4E53

# Trichromacy



**Original Color**  
B5389C



**Protanomaly**  
6A58B7



**Deuteranomaly**  
805897

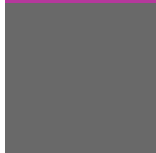


**Tritanomaly**  
B1466E

# Monochromacy



**Original Color**  
B5389C



**Achromatopsia**  
696969



**Achromatomaly**  
85577C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5389C 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 #B5389C looks like.

```
.text, #text, p{  
    color:#B5389C  
}
```

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 #B5389C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5389C
}
```

## Border

The CSS property to change the border of an element to Hex B5389C is called "border". The border property can be set on classes, ids or directly on the HTML element.

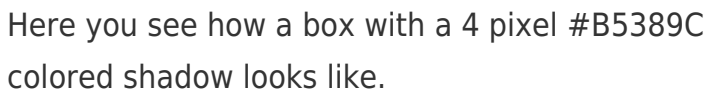
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B5389C }
```

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

```
.border{ border-color:#B5389C }
```

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



Here you see how a box with a 4 pixel #B5389C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5389C; -webkit-box-shadow:4px 4px  
4px 4px #B5389C; box-shadow:4px 4px 4px  
4px #B5389C }
```

# Background

The CSS property to change the background color of an element to Hex B5389C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5389C }
```

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

```
.background{ background-color:#B5389C }
```

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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