

# Converting Colors

Hex(B50593)

Have a look what the booklet for  
Hex(B50593) contains.

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**Color**

**Hex(B50593)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B50593
RGB	181, 5, 147
RGB Percent	71%, 2%, 58%
CMY	0.2902, 0.9804, 0.4235
CMYK	0.00, 0.97, 0.19, 0.29
HSL	312°, 95%, 36%
HSV	312°, 97%, 71%
XYZ	24.3768, 12.0389, 28.6427
YIQ	73.8120, 59.3140, 81.4740

# Conversions

## Conversions Part 2

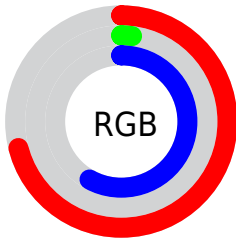
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 5, 147
Decimal	11863443
CIE <sub>Lab</sub>	41.28, 70.79, -29.39
CIE <sub>LCh</sub>	41, 76.648, 337.450
Yxy	12.0389, 0.3747, 0.1850
Android (android.graphics.Color)	4290053523 (0xFFB50593)
YUV	73.8120, 36.0817, 94.0039
Hunter-Lab	34.6971, 64.6870, -24.6564

# Details

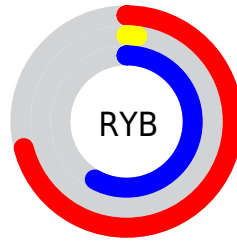
The Hex color **B50593** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **05B527**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **F156C9**, and **7B0060** is the 20% darker color. If you saturate the color by 10%, you get **B50092**, and if you desaturate by 10%, it is **B51796**.

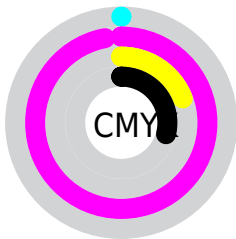
# Distribution



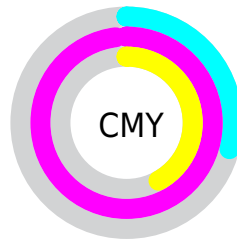
- Red (71%)
- Green (2%)
- Blue (58%)



- Red (71%)
- Yellow (2%)
- Blue (58%)



- Cyan (0%)
- Magenta (97%)
- Yellow (19%)
- Black (29%)



- Cyan (29%)
- Magenta (98%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B50593 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 B50593 by changing the saturation by 10% instead.



 B50593

 B50593

FFFFFF

 980079

 F156C9

 7B0060

 FF74E6

 5F0048

 FF91FF

 450031

 FFAEFF

 28001B

 FFCBFF

 000000

 FFE9FF

 B50593

 B50593

 B50092

 B51796

 B5299A

 B53B9D

 B54DA1

 B560A4

 B572A8

 B584AB

 B596AF

 B5A8B2

# Harmonies

## Analogous

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



7047C7



B50593



CB0055

# Triad

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



B50593



6A6400



007AAD

# Complementary

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



B50593



05B527

# 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.



007A70



B50593



187200

# Square

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



B50593



9C4B00



00782D



0075D7

# Rectangle

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



B50593



C6002C



00782D



007B9A



# Sweetspot

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



B50593



EBA7DD



2505B5



754C6D



F5F5F5



757575



# Same Dimension

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



B50593



EB00BD



B5053D



595058



99007B



1A0015



# Inverse Universe

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



B50593



EB00BD



05B57D



595058



99007B



1A0015



# Previews

## White Background



This preview shows how the Hex color B50593 looks on a white background.

## Color Contrast Check

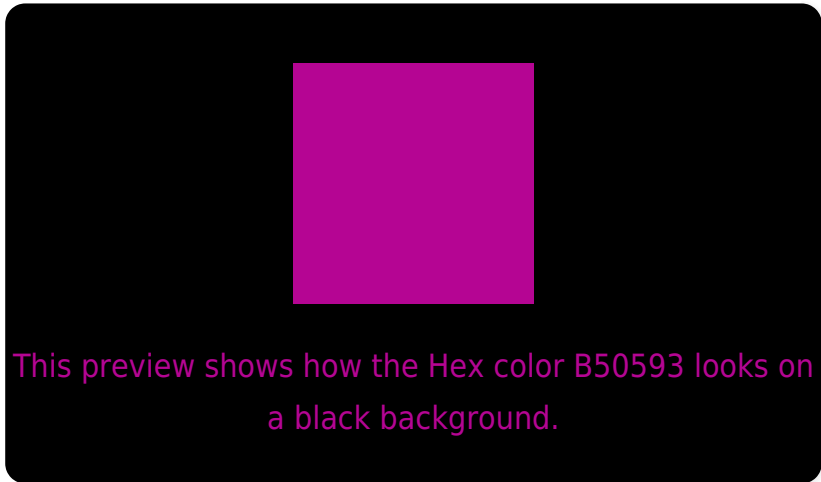
Large Text (above 18pt) WCAG AA ✓ Pass

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

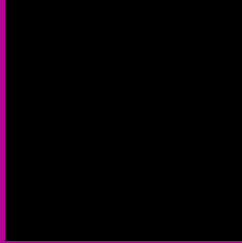
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B50593 Background



This preview shows how black text looks on a background with the Hex color B50593.



This preview shows how white text looks on a background with the Hex color B50593.

# 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





# Trichromacy



**Original Color**  
B50593



**Protanomaly**  
423FB7



**Deuteranomaly**  
79408D



**Tritanomaly**  
B1275C

# Monochromacy



**Original Color**  
B50593



**Achromatopsia**  
4A4A4A



**Achromatomaly**  
713165

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B50593 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 #B50593 looks like.

```
.text, #text, p{  
    color:#B50593  
}
```

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 #B50593 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B50593
}
```

## Border

The CSS property to change the border of an element to Hex B50593 is called "border". The border property can be set on classes, ids or directly on the HTML element.

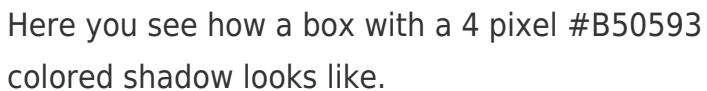
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B50593 }
```

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

```
.border{ border-color:#B50593 }
```

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



Here you see how a box with a 4 pixel #B50593 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B50593; -webkit-box-shadow:4px 4px  
4px 4px #B50593; box-shadow:4px 4px 4px  
4px #B50593 }
```

# Background

The CSS property to change the background color of an element to Hex B50593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B50593 }
```

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

```
.background{ background-color:#B50593 }
```

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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