

Converting Colors

Hex(B50089)

Have a look what the booklet for
Hex(B50089) contains.

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Color

Hex(B50089)

Conversions

Conversions Part 1

Format	Color
Hex	B50089
RGB	181, 0, 137
RGB Percent	71%, 0%, 54%
CMY	0.2902, 1.0000, 0.4627
CMYK	0.00, 1.00, 0.24, 0.29
HSL	315°, 100%, 35%
HSV	315°, 100%, 71%
XYZ	23.5714, 11.6299, 24.6694
YIQ	69.7370, 63.8990, 80.9790

Conversions

Conversions Part 2

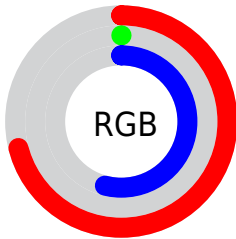
Format	Color
R_{YB}	181, 0, 137
Decimal	11862153
CIE _{Lab}	40.62, 70.08, -24.30
CIE _{LCh}	41, 74.172, 340.874
Yxy	11.6299, 0.3937, 0.1943
Android (android.graphics.Color)	4290052233 (0xFFB50089)
YUV	69.7370, 33.1607, 97.5777
Hunter-Lab	34.1026, 63.6978, -19.0177

Details

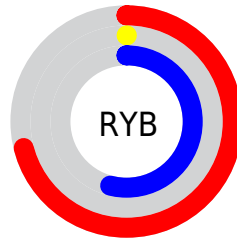
The Hex color **B50089** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **00B52C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **F154BF**, and **7B0057** is the 20% darker color. If you saturate the color by 10%, you get **B50089**, and if you desaturate by 10%, it is **B5128D**.

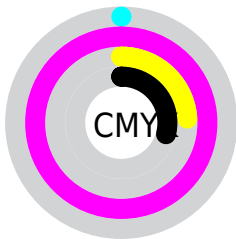
Distribution



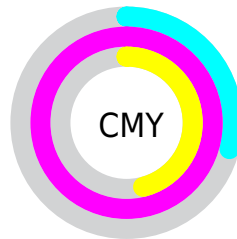
- Red (71%)
- Green (0%)
- Blue (54%)



- Red (71%)
- Yellow (0%)
- Blue (54%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color B50089 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 B50089 by changing the saturation by 10% instead.

 B50089

 B50089

FFFFFF

 98006F

 F154BF

 7B0057

 FF72DB

 5F003F

 FF8FF7

 450029

 FFACFF

 270013

 FFC9FF

 000000

 FFE7FF

 B50089

 B5128D

 B52492

 B53696

 B5489B

 B55B9F

 B56DA3

 B57FA8

 B591AC

 B5A3B1

Harmonies

Analogous

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



7942BD



B50089



C6004D

Triad

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



B50089



626400



0078AF

Complementary

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



B50089



00B52C

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.



007875



B50089



027000

Square

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



B50089



944E00



007635



0071D4

Rectangle

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



B50089



C00F26



007635



00789D

Sweetspot

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



B50089



EBA4D9



2A00B5



754B6B



F5F5F5



757575

Same Dimension

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



B50089



EB00B2



B50030



595057



990074



1A0013

Inverse Universe

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



B50089



EB00B2



00B585



595057



990074



1A0013

Previews

White Background



This preview shows how the Hex color B50089 looks on a white background.

Color Contrast Check

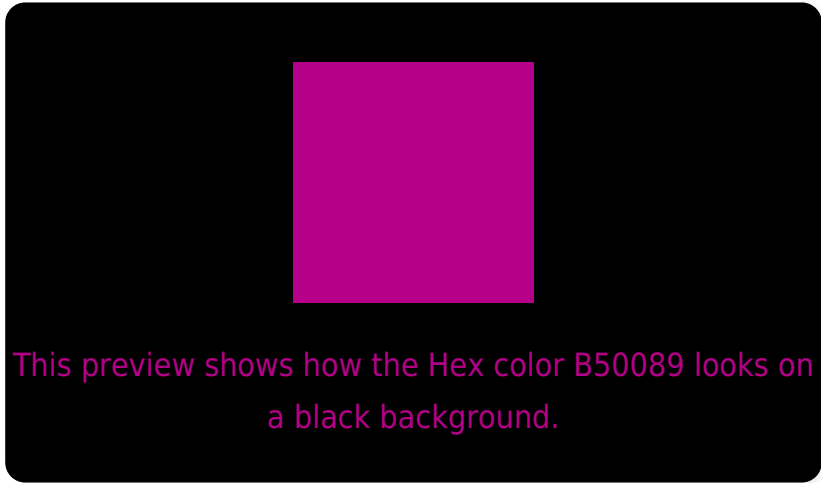
Large Text (above 18pt) WCAG AA ✓ Pass

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

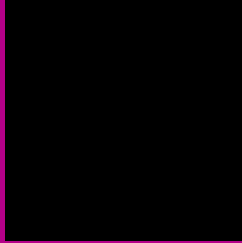
Any Text WCAG AA × Fail

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 B50089 Background



This preview shows how black text looks on a background with the Hex color B50089.

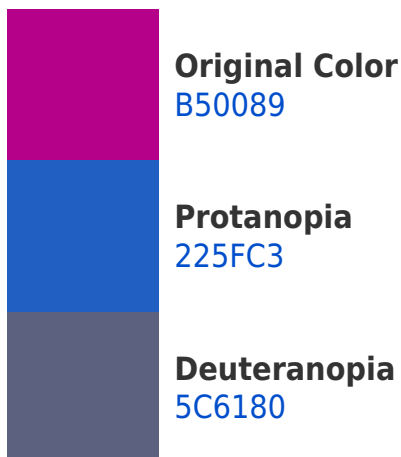



This preview shows how white text looks on a background with the Hex color B50089.

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
AF3639

Trichromacy



Original Color
B50089



Protanomaly
573CAE



Deuteranomaly
7C3E83



Tritanomaly
B12256

Monochromacy



Original Color
B50089



Achromatopsia
464646



Achromatomaly
6E2D5E

CSS Examples

Text

The CSS property to change the color of the text to Hex B50089 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 #B50089 looks like.

```
.text, #text, p{  
    color:#B50089  
}
```

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 #B50089 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B50089
}
```

Border

The CSS property to change the border of an element to Hex B50089 is called "border". The border property can be set on classes, ids or directly on the HTML element.

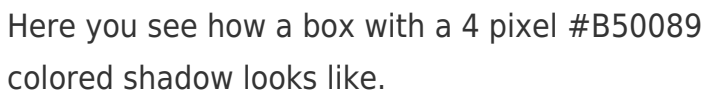
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B50089 }
```

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

```
.border{ border-color:#B50089 }
```

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



Here you see how a box with a 4 pixel #B50089 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B50089; -webkit-box-shadow:4px 4px  
4px 4px #B50089; box-shadow:4px 4px 4px  
4px #B50089 }
```

Background

The CSS property to change the background color of an element to Hex B50089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B50089 }
```

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

```
.background{ background-color:#B50089 }
```

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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