

Converting Colors

Hex(B00093)

Have a look what the booklet for
Hex(B00093) contains.

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Color

Hex(B00093)

Conversions

Conversions Part 1

Format	Color
Hex	B00093
RGB	176, 0, 147
RGB Percent	69%, 0%, 58%
CMY	0.3098, 1.0000, 0.4235
CMYK	0.00, 1.00, 0.16, 0.31
HSL	310°, 100%, 35%
HSV	310°, 100%, 69%
XYZ	23.1710, 11.3367, 28.5707
YIQ	69.3820, 57.7090, 83.0290

Conversions

Conversions Part 2

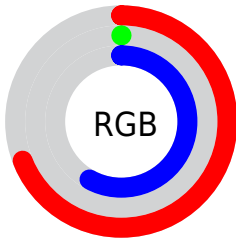
Format	Color
R_{YB}	176, 0, 147
Decimal	11534483
CIE Lab	40.14, 70.36, -31.25
CIE LCh	40, 76.983, 336.054
Yxy	11.3367, 0.3673, 0.1797
Android (android.graphics.Color)	4289724563 (0xFFB00093)
YUV	69.3820, 38.2657, 93.5040
Hunter-Lab	33.6700, 63.9173, -26.7416

Details

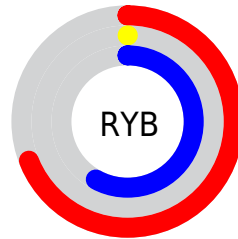
The Hex color **B00093** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **00B01D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **EB54C9**, and **770060** is the 20% darker color. If you saturate the color by 10%, you get **B00093**, and if you desaturate by 10%, it is **B01296**.

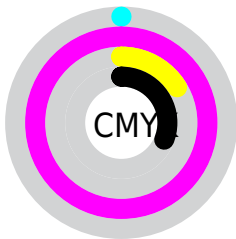
Distribution



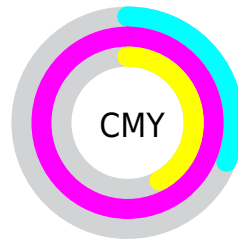
- Red (69%)
- Green (0%)
- Blue (58%)



- Red (69%)
- Yellow (0%)
- Blue (58%)



- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color B00093 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 B00093 by changing the saturation by 10% instead.

 B00093

 B00093

FFFFFF

 930079

 EB54C9

 770060

 FF71E6

 5A0048

 FF8EFF

 410031

 FFABFF

 23001B

 FFC9FF

 000000

 FFE6FF

 B00093

 B01296

 B02399

 B0359C

 B0469F

 B058A2

 B06AA4

 B07BA7

 B08DAA

 B09EAD

Harmonies

Analogous

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



6846C6



B00093



C80055

Triad

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



B00093



696100



0077A8

Complementary

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



B00093



00B01D

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.



00776A



B00093



1B6E00

Square

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



B00093



9B4700



007526



0073D3

Rectangle

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



B00093



C4002C



007526



007895

Sweetspot

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



B00093



E6A1DA



1A00B0



73496C



F2F2F2



737373

Same Dimension

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



B00093



E600C0



B0003E



595058



990080



1A0015

Inverse Universe

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



B00093



E600C0



00B072



595058



990080



1A0015

Previews

White Background



This preview shows how the Hex color B00093 looks on a white background.

Color Contrast Check

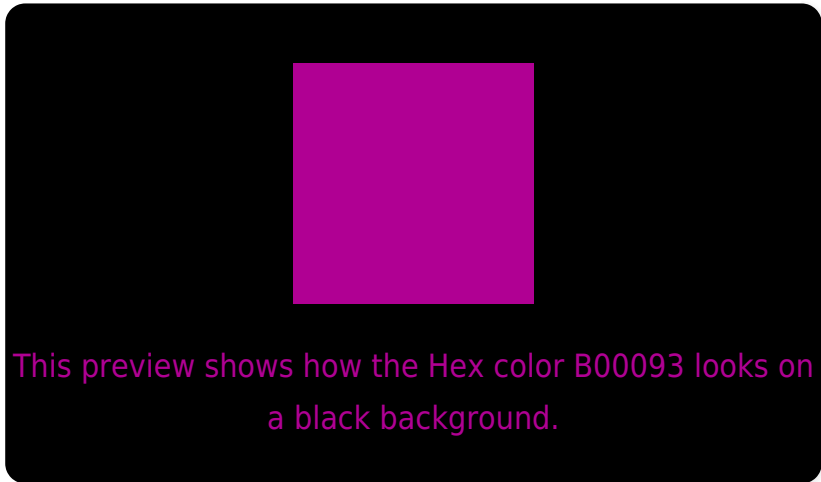
Large Text (above 18pt) WCAG AA ✓ Pass

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

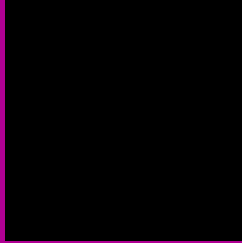
Any Text WCAG AA × Fail

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 B00093 Background



This preview shows how black text looks on a background with the Hex color B00093.

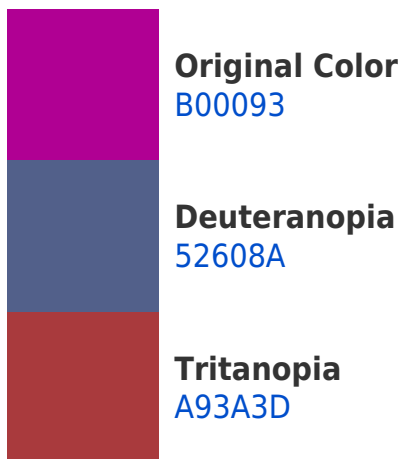


This preview shows how white text looks on a background with the Hex color B00093.

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
B00093

Deuteranomaly
743D8D

Tritanomaly
AC255C

Monochromacy



Original Color
B00093

Achromatopsia
454545

Achromatomaly
6C2C61

CSS Examples

Text

The CSS property to change the color of the text to Hex B00093 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 #B00093 looks like.

```
.text, #text, p{  
    color:#B00093  
}
```

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 #B00093 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B00093
}
```

Border

The CSS property to change the border of an element to Hex B00093 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
#B00093 }
```

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

```
.border{ border-color:#B00093 }
```

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

Here you see how a box with a 4 pixel #B00093 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B00093; -webkit-box-shadow:4px 4px  
4px 4px #B00093; box-shadow:4px 4px 4px  
4px #B00093 }
```

Background

The CSS property to change the background color of an element to Hex B00093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B00093 }
```

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

```
.background{ background-color:#B00093 }
```

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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