

Converting Colors

Hex(B90193)

Have a look what the booklet for
Hex(B90193) contains.

Hex(B90193)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B90193)

Conversions

Conversions Part 1

Format	Color
Hex	B90193
RGB	185, 1, 147
RGB Percent	73%, 0%, 58%
CMY	0.2745, 0.9961, 0.4235
CMYK	0.00, 0.99, 0.21, 0.27
HSL	312°, 99%, 36%
HSV	312°, 99%, 73%
XYZ	25.2849, 12.4426, 28.6728
YIQ	72.6600, 62.7980, 84.4140

Conversions

Conversions Part 2

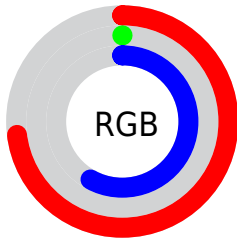
Format	Color
R_{YB}	185, 1, 147
Decimal	12124563
CIE _{Lab}	41.91, 71.95, -28.35
CIE _{LCh}	42, 77.337, 338.498
Yxy	12.4426, 0.3808, 0.1874
Android (android.graphics.Color)	4290314643 (0xFFB90193)
YUV	72.6600, 36.6496, 98.5222
Hunter-Lab	35.2740, 66.2216, -23.5025

Details

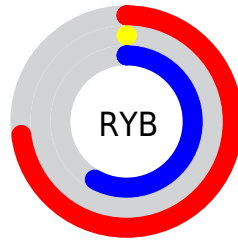
The Hex color **B90193** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **01B927**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **F556C9**, and **7F0060** is the 20% darker color. If you saturate the color by 10%, you get **B90093**, and if you desaturate by 10%, it is **B91397**.

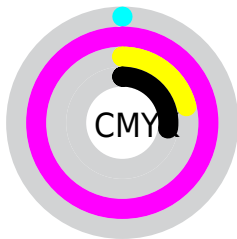
Distribution



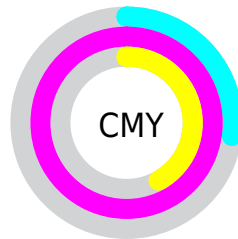
- Red (73%)
- Green (0%)
- Blue (58%)



- Red (73%)
- Yellow (0%)
- Blue (58%)



- Cyan (0%)
- Magenta (99%)
- Yellow (21%)
- Black (27%)



- Cyan (27%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color B90193 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 B90193 by changing the saturation by 10% instead.

 B90193

 B90193

FFFFFF

 9C0079

 F556C9

 7F0060

 FF74E6

 620048

 FF91FF

 480031

 FFAEFF

 2B001B

 FFC0FF

 000000

 FFE9FF

 B90193

 B90193

 B90093

 B91397

 B9269B

 B9389E

 B94BA2

 B95EA6

 B970AA

 B983AE

 B995B2

 B9A8B5

Harmonies

Analogous

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



7547C8



B90193



CE0054

Triad

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



B90193



696600



007CB2

Complementary

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



B90193



01B927

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.



007C74



B90193



127400

Square

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



B90193



9D4D00



007A30



0076DB

Rectangle

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



B90193



C9002B



007A30



007D9F

Sweetspot

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



B90193



F0A8E1



2601B9



784D6F



F7F7F7



787878

Same Dimension

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



B90193



F000BE



B90138



5C535A



9C007B



1C0016

Inverse Universe

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



B90193



F000BE



01B982



5C535A



9C007B



1C0016

Previews

White Background



This preview shows how the Hex color B90193 looks on a white background.

Color Contrast Check

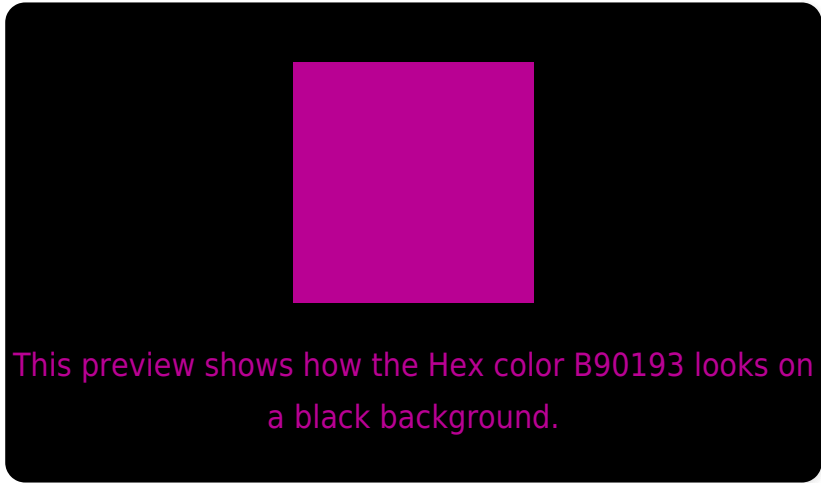
Large Text (above 18pt) WCAG AA ✓ Pass

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

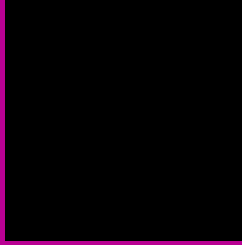
Any Text WCAG AA × Fail

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 B90193 Background



This preview shows how black text looks on a background with the Hex color B90193.

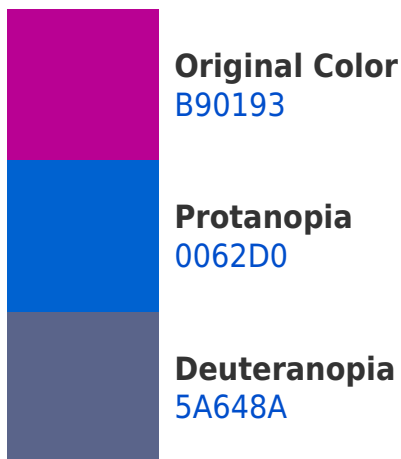


This preview shows how white text looks on a background with the Hex color B90193.

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
B90193



Protanomaly
433FBA



Deuteranomaly
7D408D



Tritanomaly
B5255C

Monochromacy



Original Color
B90193



Achromatopsia
494949



Achromatomaly
722F64

CSS Examples

Text

The CSS property to change the color of the text to Hex B90193 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 #B90193 looks like.

```
.text, #text, p{  
    color:#B90193  
}
```

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 #B90193 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B90193
}
```

Border

The CSS property to change the border of an element to Hex B90193 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
#B90193 }
```

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

```
.border{ border-color:#B90193 }
```

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

Here you see how a box with a 4 pixel #B90193 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B90193; -webkit-box-shadow:4px 4px  
4px 4px #B90193; box-shadow:4px 4px 4px  
4px #B90193 }
```

Background

The CSS property to change the background color of an element to Hex B90193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B90193 }
```

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

```
.background{ background-color:#B90193 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor