

Converting Colors

Hex(BB1891)

Have a look what the booklet for
Hex(BB1891) contains.

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Color

Hex(BB1891)

Conversions

Conversions Part 1

Format	Color
Hex	BB1891
RGB	187, 24, 145
RGB Percent	73%, 9%, 57%
CMY	0.2667, 0.9059, 0.4314
CMYK	0.00, 0.87, 0.22, 0.27
HSL	315°, 77%, 41%
HSV	315°, 87%, 73%
XYZ	25.9310, 13.2624, 27.9812
YIQ	86.5310, 58.3070, 72.1870

Conversions

Conversions Part 2

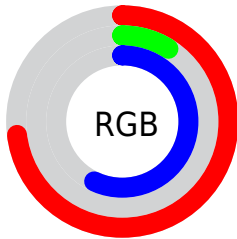
Format	Color
R_{YB}	187, 24, 145
Decimal	12261521
CIE _{Lab}	43.16, 69.30, -25.16
CIE _{LCh}	43, 73.731, 340.046
Yxy	13.2624, 0.3860, 0.1974
Android (android.graphics.Color)	4290451601 (0xFFBB1891)
YUV	86.5310, 28.8252, 88.1113
Hunter-Lab	36.4176, 63.3694, -20.0628

Details

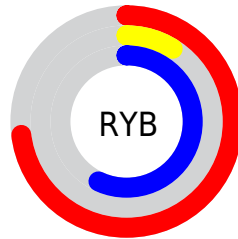
The Hex color **BB1891** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **18BB42**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **F75DC7**, and **81005E** is the 20% darker color. If you saturate the color by 10%, you get **BB058C**, and if you desaturate by 10%, it is **BB2B96**.

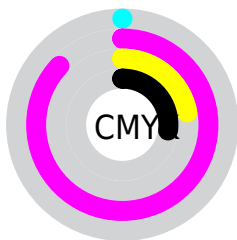
Distribution



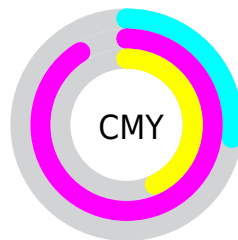
- Red (73%)
- Green (9%)
- Blue (57%)



- Red (73%)
- Yellow (9%)
- Blue (57%)



- Cyan (0%)
- Magenta (87%)
- Yellow (22%)
- Black (27%)



- Cyan (27%)
- Magenta (91%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB1891 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 BB1891 by changing the saturation by 10% instead.

 BB1891

 BB1891

FFFFFF

 9E0077

 F75DC7

 81005E

 FF7BE3

 650046

 FF97FF

 4A0030

 FFB4FF

 2E001A

 FFD2FF

 000000

 FFF0FF

 BB1891

 BB1891

 BB058C

 BB2B96

■ BB008B

■ BB3D9B

■ BB509F

■ BB63A4

■ BB75A9

■ BB88AE

■ BB9BB3

■ BBAEB8

■ BBC0BC

Harmonies

Analogous

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



7E49C5



BB1891



CE0054

Triad

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



BB1891



6A6A00



007EB4

Complementary

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



BB1891



18BB42

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.



007F7A



BB1891



197700

Square

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



BB1891



9D5300



007D39



0078DA

Rectangle

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



BB1891



C81C2D



007D39



007FA2

Sweetspot

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



BB1891



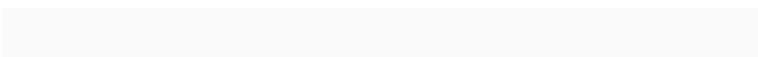
F2B3E2



4118BB



7A5471



FAFAFA



7A7A7A

Same Dimension

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



BB1891



F200B4



BB1841



5E555C



9E0075



1F0017

Inverse Universe

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



BB1891



F200B4



18BB92



5E555C



9E0075



1F0017

Previews

White Background



This preview shows how the Hex color BB1891 looks on a white background.

Color Contrast Check

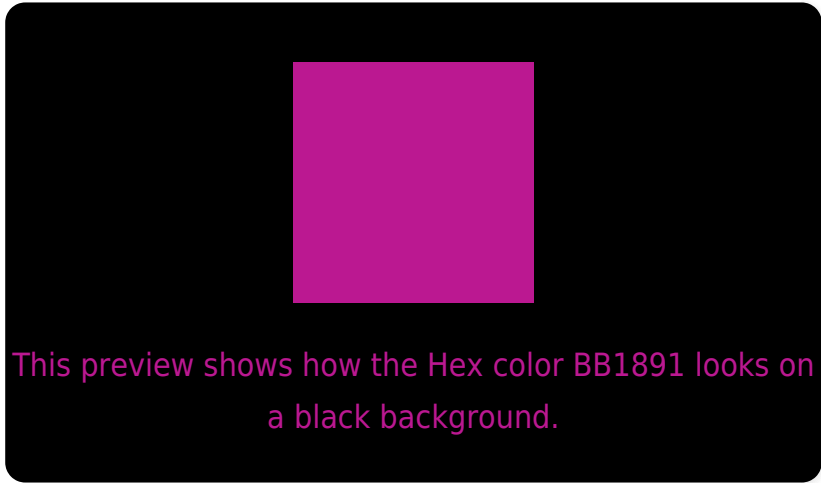
Large Text (above 18pt) WCAG AA ✓ Pass

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

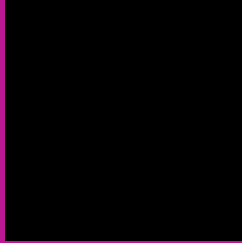
Any Text WCAG AA × Fail

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 BB1891 Background



This preview shows how black text looks on a background with the Hex color BB1891.




This preview shows how white text looks on a background with the Hex color BB1891.

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
B43C40

Trichromacy



Original Color
BB1891



Protanomaly
5F48B5



Deuteranomaly
804A8B

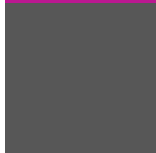


Tritanomaly
B72F5D

Monochromacy



Original Color
BB1891



Achromatopsia
575757



Achromatomaly
7B406C

CSS Examples

Text

The CSS property to change the color of the text to Hex BB1891 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 #BB1891 looks like.

```
.text, #text, p{  
    color:#BB1891  
}
```

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 #BB1891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB1891
}
```

Border

The CSS property to change the border of an element to Hex BB1891 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
#BB1891 }
```

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

```
.border{ border-color:#BB1891 }
```

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

Here you see how a box with a 4 pixel #BB1891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB1891; -webkit-box-shadow:4px 4px  
4px 4px #BB1891; box-shadow:4px 4px 4px  
4px #BB1891 }
```

Background

The CSS property to change the background color of an element to Hex BB1891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB1891 }
```

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

```
.background{ background-color:#BB1891 }
```

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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