

Converting Colors

Hex(BD02A1)

Have a look what the booklet for
Hex(BD02A1) contains.

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Color

Hex(BD02A1)

Conversions

Conversions Part 1

Format	Color
Hex	BD02A1
RGB	189, 2, 161
RGB Percent	74%, 1%, 63%
CMY	0.2588, 0.9922, 0.3686
CMYK	0.00, 0.99, 0.15, 0.26
HSL	309°, 98%, 37%
HSV	309°, 99%, 74%
XYZ	27.4410, 13.4354, 34.8652
YIQ	76.0390, 60.4130, 89.0930

Conversions

Conversions Part 2

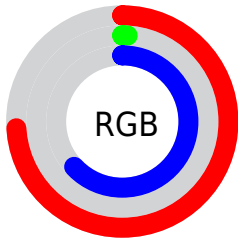
Format	Color
R_{YB}	189, 2, 161
Decimal	12386977
CIE _{Lab}	43.41, 74.38, -34.39
CIE _{LCh}	43, 81.944, 335.183
Yxy	13.4354, 0.3623, 0.1774
Android (android.graphics.Color)	4290577057 (0xFFBD02A1)
YUV	76.0390, 41.8858, 99.0668
Hunter-Lab	36.6544, 69.4873, -30.7379

Details

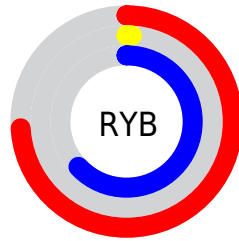
The Hex color **BD02A1** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **02BD1E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **F958D8**, and **83006D** is the 20% darker color. If you saturate the color by 10%, you get **BD00A1**, and if you desaturate by 10%, it is **BD15A4**.

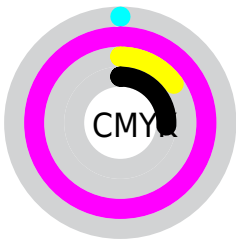
Distribution



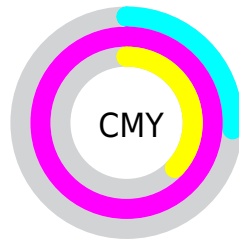
- Red (74%)
- Green (1%)
- Blue (63%)



- Red (74%)
- Yellow (1%)
- Blue (63%)



- Cyan (0%)
- Magenta (99%)
- Yellow (15%)
- Black (26%)



- Cyan (26%)
- Magenta (99%)
- Yellow (37%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD02A1 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 BD02A1 by changing the saturation by 10% instead.

 BD02A1

 BD02A1

FFFFFF

 A00086

 F958D8

 83006D

 FF76F5

 660054

 FF93FF

 4B003C

 FFB1FF

 2F0026

 FFCEFF

 01000E

 FFECFF

 000000

 BD02A1

 BD02A1

 BD00A1

 BD15A4

 BD28A7

 BD3BA9

 BD4EAC

 BD61AF

 BD73B2

 BD86B5

 BD99B8

 BDACBA

Harmonies

Analogous

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



6C4DD8



BD02A1



D8005E

Triad

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



BD02A1



736800



0081B4

Complementary

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



BD02A1



02BD1E

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.



008171



BD02A1



217700

Square

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



BD02A1



A94C00



007E27



007CE4

Rectangle

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



BD02A1



D40032



007E27



00829F

Sweetspot

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



BD02A1



F5ABEA



1B02BD



7A4E74



FAFAFA



7A7A7A

Same Dimension

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



BD02A1



F500D0



BD0247



5E555D



9E0086



1F001A

Inverse Universe

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



BD02A1



F500D0



02BD78



5E555D



9E0086



1F001A

Previews

White Background



This preview shows how the Hex color BD02A1 looks on a white background.

Color Contrast Check

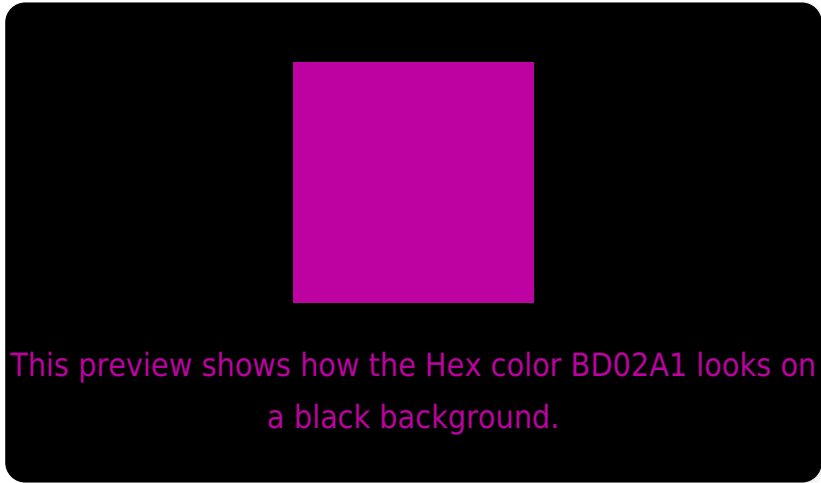
Large Text (above 18pt) WCAG AA ✓ Pass

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

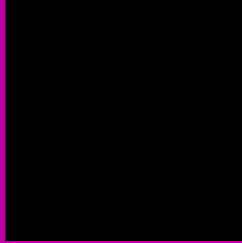
Any Text WCAG AA × Fail

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 BD02A1 Background



This preview shows how black text looks on a background with the Hex color BD02A1.



This preview shows how white text looks on a background with the Hex color BD02A1.

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
B53F43

Trichromacy



Original Color
BD02A1



Protanomaly
4541C3



Deuteranomaly
7B439B



Tritanomaly
B82965

Monochromacy



Original Color
BD02A1



Achromatopsia
4C4C4C



Achromatomaly
75316B

CSS Examples

Text

The CSS property to change the color of the text to Hex BD02A1 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 #BD02A1 looks like.

```
.text, #text, p{  
    color:#BD02A1  
}
```

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 #BD02A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD02A1
}
```

Border

The CSS property to change the border of an element to Hex BD02A1 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
#BD02A1 }
```

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

```
.border{ border-color:#BD02A1 }
```

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

Here you see how a box with a 4 pixel #BD02A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD02A1; -webkit-box-shadow:4px 4px  
4px 4px #BD02A1; box-shadow:4px 4px 4px  
4px #BD02A1 }
```

Background

The CSS property to change the background color of an element to Hex BD02A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD02A1 }
```

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

```
.background{ background-color:#BD02A1 }
```

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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