

Converting Colors

Hex(BD002A)

Have a look what the booklet for
Hex(BD002A) contains.

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Color

Hex(BD002A)

Conversions

Conversions Part 1

Format	Color
Hex	BD002A
RGB	189, 0, 42
RGB Percent	74%, 0%, 16%
CMY	0.2588, 1.0000, 0.8353
CMYK	0.00, 1.00, 0.78, 0.26
HSL	347°, 100%, 37%
HSV	347°, 100%, 74%
XYZ	21.4042, 10.9860, 3.1829
YIQ	61.2990, 99.1620, 53.1300

Conversions

Conversions Part 2

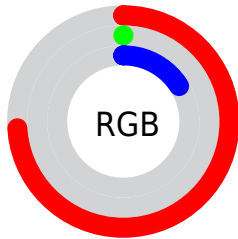
Format	Color
RYB	189, 0, 42
Decimal	12386346
CIELab	39.56, 64.73, 34.18
CIElCh	40, 73.198, 27.835
Yxy	10.9860, 0.6017, 0.3088
Android (android.graphics.Color)	4290576426 (0xFFBD002A)
YUV	61.2990, -9.5144, 111.9938
Hunter-Lab	33.1451, 57.2664, 17.5081

Details

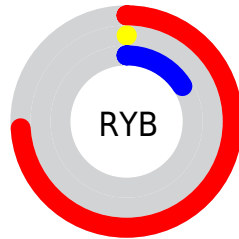
The Hex color **BD002A** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **00BD93**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **FD5258**, and **7F0000** is the 20% darker color. If you saturate the color by 10%, you get **BD002A**, and if you desaturate by 10%, it is **BD1339**.

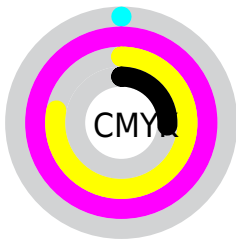
Distribution



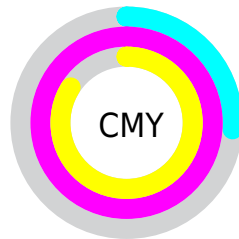
- Red (74%)
- Green (0%)
- Blue (16%)



- Red (74%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (78%)
- Black (26%)



- Cyan (26%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD002A 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 BD002A by changing the saturation by 10% instead.

 BD002A

 BD002A

FFFFFF

 9E0015

 FD5258

 7F0000

 FF7070

 5F0000

 FF8C89

 430003

 FFA9A4

 210001

 FFC6BF

 000000

 FFE4DB

 FFFFF7

 BD002A

 BD1339

 BD2647

 BD3956

 BD4C65

 BD5F73

 BD7182

 BD8491

 BD97A0

 BDAAAE

Harmonies

Analogous

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



BF0064



BD002A



A23D00

Triad

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



BD002A



007113



0067D7

Complementary

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



BD002A



00BD93

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.



0072C3



BD002A



007557

Square

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



BD002A



3B6900



007594



434FC9

Rectangle

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



BD002A



865200



007594



006CD4

Sweetspot

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



BD002A



F5ABBC



9100BD



7A4E58



FAFAFA



7A7A7A

Same Dimension

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



BD002A



F50036



BD3200



5E5557



9E0023



1F0007

Inverse Universe

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



BD002A



F50036



008BBD



5E5557



9E0023



1F0007

Previews

White Background



This preview shows how the Hex color BD002A looks on a white background.

Color Contrast Check

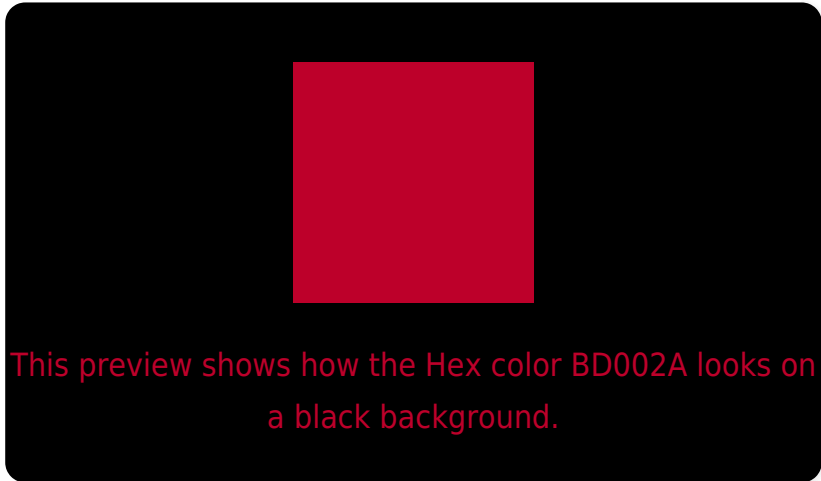
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD002A Background



This preview shows how black text looks on a background with the Hex color BD002A.

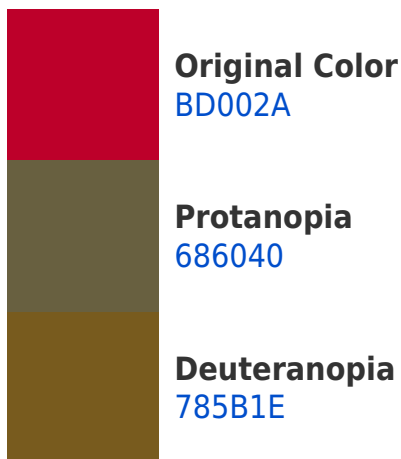


This preview shows how white text looks on a background with the Hex color BD002A.

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
BD002A

Protanomaly
873D38

Deuteranomaly
913A22

Tritanomaly
BD0B14

Monochromacy



Original Color
BD002A

Achromatopsia
3D3D3D

Achromatomaly
6C2736

CSS Examples

Text

The CSS property to change the color of the text to Hex BD002A 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 #BD002A looks like.

```
.text, #text, p{  
    color:#BD002A  
}
```

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 #BD002A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD002A
}
```

Border

The CSS property to change the border of an element to Hex BD002A 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".

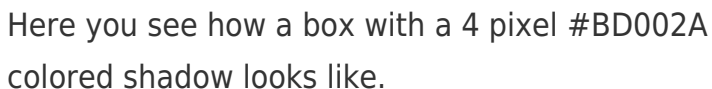
```
.border, #border, table{ border:4px solid
#BD002A }
```

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

```
.border{ border-color:#BD002A }
```

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

Here you see how a box with a 4 pixel #BD002A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD002A; -webkit-box-shadow:4px 4px  
4px 4px #BD002A; box-shadow:4px 4px 4px  
4px #BD002A }
```

Background

The CSS property to change the background color of an element to Hex BD002A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD002A }
```

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

```
.background{ background-color:#BD002A }
```

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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