

Converting Colors

Hex(BD005B)

Have a look what the booklet for
Hex(BD005B) contains.

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Color

Hex(BD005B)

Conversions

Conversions Part 1

Format	Color
Hex	BD005B
RGB	189, 0, 91
RGB Percent	74%, 0%, 36%
CMY	0.2588, 1.0000, 0.6431
CMYK	0.00, 1.00, 0.52, 0.26
HSL	331°, 100%, 37%
HSV	331°, 100%, 74%
XYZ	22.8746, 11.5741, 10.9259
YIQ	66.8850, 83.4330, 68.3690

Conversions

Conversions Part 2

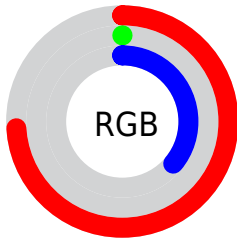
Format	Color
R_{YB}	189, 0, 91
Decimal	12386395
CIE _{Lab}	40.53, 67.34, 4.53
CIE _{LCh}	41, 67.494, 3.847
Yxy	11.5741, 0.5041, 0.2551
Android (android.graphics.Color)	4290576475 (0xFFBD005B)
YUV	66.8850, 11.8887, 107.0949
Hunter-Lab	34.0208, 60.4818, 4.7733

Details

The Hex color **BD005B** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **00BD62**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **FB548D**, and **81002E** is the 20% darker color. If you saturate the color by 10%, you get **BD005B**, and if you desaturate by 10%, it is **BD1365**.

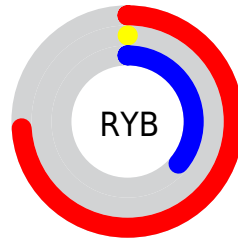
Distribution



Red (74%)

Green (0%)

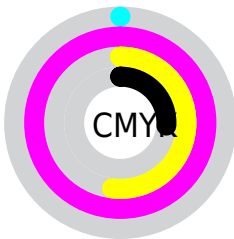
Blue (36%)



Red (74%)

Yellow (0%)

Blue (36%)

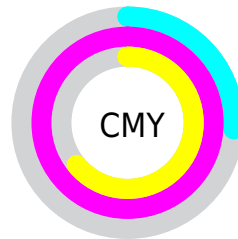


Cyan (0%)

Magenta (100%)

Yellow (52%)

Black (26%)



Cyan (26%)

Magenta (100%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD005B 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 BD005B by changing the saturation by 10% instead.

 BD005B

 BD005B

FFFFFF

 9F0044

 FB548D

 81002E

 FF72A7

 63001A

 FF8FC2

 480003

 FFACDE

 280001

 FFC9FB

 000000

 FFE6FF

 BD005B

 BD1365

 BD266F

 BD3978

 BD4C82

 BD5F8C

 BD7196

 BD84A0

 BD97A9

 BDAAB3

Harmonies

Analogous

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



A52891



BD005B



B72725

Triad

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



BD005B



336D00



0072C3

Complementary

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



BD005B



00BD62

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.



00769C



BD005B



00742B

Square

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



BD005B



6F6000



007665



0065CF

Rectangle

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



BD005B



A53F00



007665



0074B9

Sweetspot

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



BD005B



F5ABCF



6200BD



7A4E64



FAFAFA



7A7A7A

Same Dimension

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



BD005B



F50076



BD0300



5E5559



9E004C



1F000F

Inverse Universe

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



BD005B



F50076



00BABD



5E5559



9E004C



1F000F

Previews

White Background



This preview shows how the Hex color BD005B looks on a white background.

Color Contrast Check

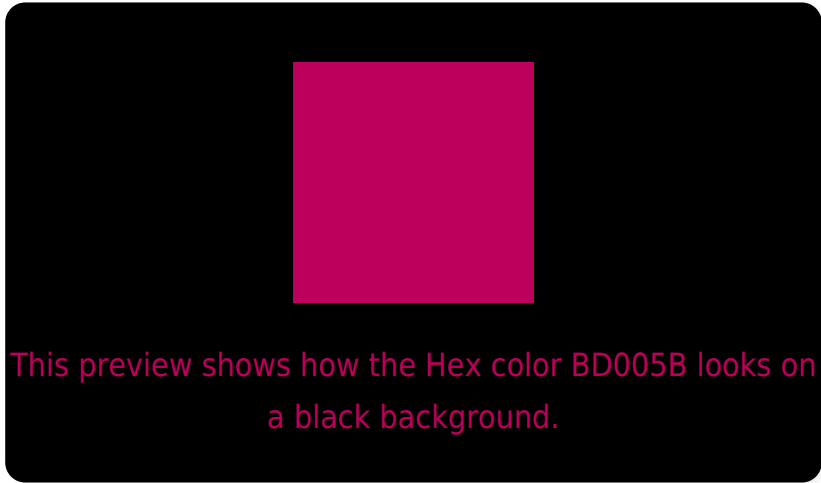
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD005B Background



This preview shows how black text looks on a background with the Hex color BD005B.

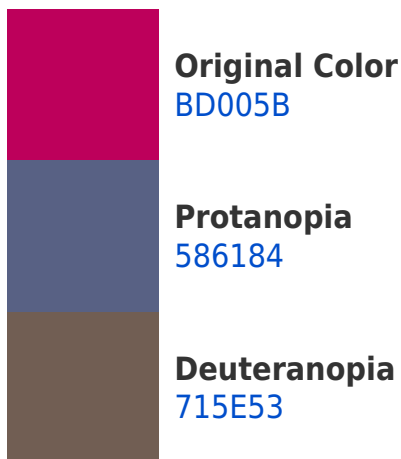


This preview shows how white text looks on a background with the Hex color BD005B.

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
BD005B



Protanomaly
7D3E75



Deuteranomaly
8D3C56



Tritanomaly
BC1738

Monochromacy



Original Color
BD005B



Achromatopsia
434343



Achromatomaly
6F2B4C

CSS Examples

Text

The CSS property to change the color of the text to Hex BD005B 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 #BD005B looks like.

```
.text, #text, p{  
    color:#BD005B  
}
```

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 #BD005B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD005B
}
```

Border

The CSS property to change the border of an element to Hex BD005B 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
#BD005B }
```

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

```
.border{ border-color:#BD005B }
```

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

Here you see how a box with a 4 pixel #BD005B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD005B; -webkit-box-shadow:4px 4px  
4px 4px #BD005B; box-shadow:4px 4px 4px  
4px #BD005B }
```

Background

The CSS property to change the background color of an element to Hex BD005B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD005B }
```

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

```
.background{ background-color:#BD005B }
```

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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