

Converting Colors

Hex(BD2B66)

Have a look what the booklet for
Hex(BD2B66) contains.

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Color

Hex(BD2B66)

Conversions

Conversions Part 1

Format	Color
Hex	BD2B66
RGB	189, 43, 102
RGB Percent	74%, 17%, 40%
CMY	0.2588, 0.8314, 0.6000
CMYK	0.00, 0.77, 0.46, 0.26
HSL	336°, 63%, 45%
HSV	336°, 77%, 74%
XYZ	24.2484, 13.5059, 13.8992
YIQ	93.3800, 68.0770, 49.3010

Conversions

Conversions Part 2

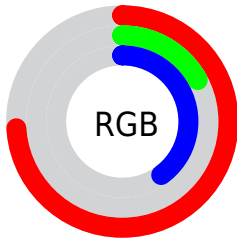
Format	Color
R_{YB}	189, 43, 102
Decimal	12397414
CIE _{Lab}	43.52, 60.58, 1.91
CIE _{LCh}	44, 60.613, 1.807
Yxy	13.5059, 0.4694, 0.2615
Android (android.graphics.Color)	4290587494 (0xFFBD2B66)
YUV	93.3800, 4.2497, 83.8587
Hunter-Lab	36.7503, 53.4638, 3.3014

Details

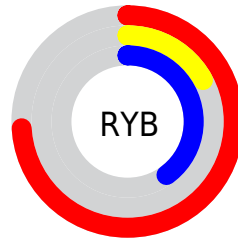
The Hex color **BD2B66** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **2BBD82**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FA6799**, and **820038** is the 20% darker color. If you saturate the color by 10%, you get **BD185B**, and if you desaturate by 10%, it is **BD3E71**.

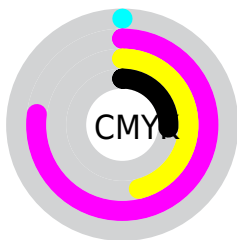
Distribution



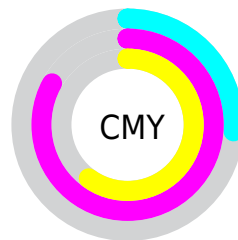
- Red (74%)
- Green (17%)
- Blue (40%)



- Red (74%)
- Yellow (17%)
- Blue (40%)



- Cyan (0%)
- Magenta (77%)
- Yellow (46%)
- Black (26%)



- Cyan (26%)
- Magenta (83%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD2B66 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 BD2B66 by changing the saturation by 10% instead.

 BD2B66

 BD2B66

FFFFFF

 9F004E

 FA6799

 820038

 FF83B3

 650022

 FF9FCF

 49000C

 FFBCEB

 2D0001

 FFD9FF

 000000

 FFF7FF

 BD2B66

 BD2B66

 BD185B

 BD3E71

 BD054F

 BD517D

 BD004C

 BD6488

 BD7793

 BD8A9E

 BD9CAA

 BDAFB5

 BDC2C0

 BDD5CB

Harmonies

Analogous

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



A43D97



BD2B66



BA3835

Triad

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



BD2B66



477300



0078BF

Complementary

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



BD2B66



2BBD82

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.



007D9B



BD2B66



007A34

Square

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



BD2B66



7A6600



007D69



006CCC

Rectangle

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



BD2B66



AB4914



007D69



007AB5

Sweetspot

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



BD2B66



F5BCD3



802BBD



7A5866



FAFAFA



7A7A7A

Same Dimension

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



BD2B66



F5116D



BD372B



5E5559



9E0040



1F000C

Inverse Universe

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



BD2B66



F5116D



2BB1BD



5E5559



9E0040



1F000C

Previews

White Background



This preview shows how the Hex color BD2B66 looks on a white background.

Color Contrast Check

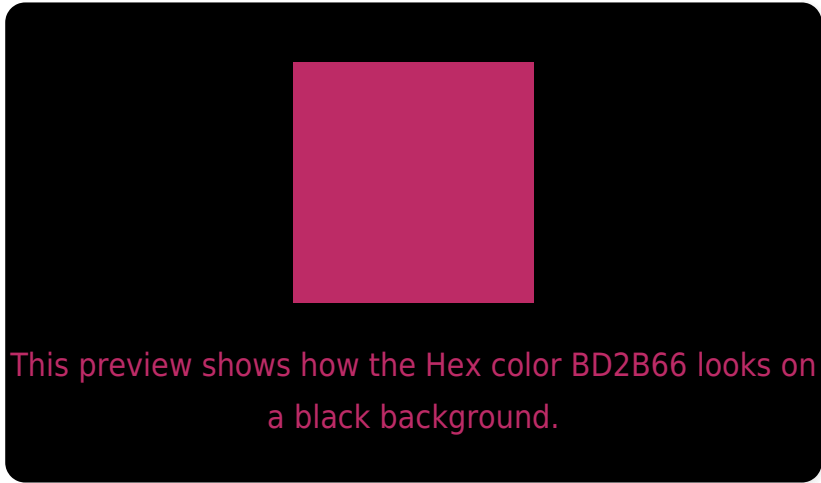
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD2B66 Background



This preview shows how black text looks on a background with the Hex color BD2B66.

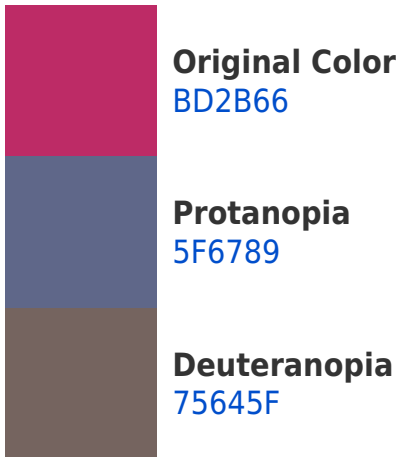


This preview shows how white text looks on a background with the Hex color BD2B66.

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



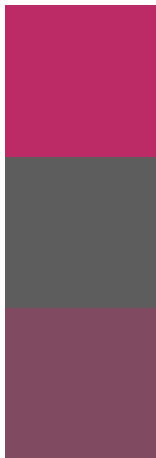
Original Color
BD2B66

Protanomaly
81517C

Deuteranomaly
8F4F62

Tritanomaly
BB334A

Monochromacy



Original Color
BD2B66

Achromatopsia
5D5D5D

Achromatomaly
804B60

CSS Examples

Text

The CSS property to change the color of the text to Hex BD2B66 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 #BD2B66 looks like.

```
.text, #text, p{  
    color:#BD2B66  
}
```

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 #BD2B66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD2B66
}
```

Border

The CSS property to change the border of an element to Hex BD2B66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

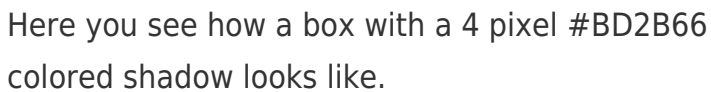
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD2B66 }
```

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

```
.border{ border-color:#BD2B66 }
```

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



Here you see how a box with a 4 pixel `#BD2B66` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD2B66; -webkit-box-shadow:4px 4px  
4px 4px #BD2B66; box-shadow:4px 4px 4px  
4px #BD2B66 }
```

Background

The CSS property to change the background color of an element to Hex BD2B66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD2B66 }
```

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

```
.background{ background-color:#BD2B66 }
```

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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