

Converting Colors

Hex(BD2A6D)

Have a look what the booklet for
Hex(BD2A6D) contains.

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Color

Hex(BD2A6D)

Conversions

Conversions Part 1

Format	Color
Hex	BD2A6D
RGB	189, 42, 109
RGB Percent	74%, 16%, 43%
CMY	0.2588, 0.8353, 0.5725
CMYK	0.00, 0.78, 0.42, 0.26
HSL	333°, 64%, 45%
HSV	333°, 78%, 74%
XYZ	24.5745, 13.5789, 15.7938
YIQ	93.5910, 66.1050, 52.0010

Conversions

Conversions Part 2

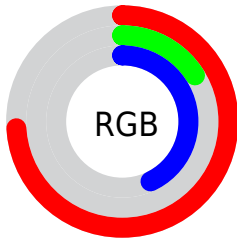
Format	Color
R_{YB}	189, 42, 109
Decimal	12397165
CIE Lab	43.62, 61.54, -2.29
CIE LCh	44, 61.579, 357.872
Yxy	13.5789, 0.4555, 0.2517
Android (android.graphics.Color)	4290587245 (0xFFBD2A6D)
YUV	93.5910, 7.5966, 83.6737
Hunter-Lab	36.8495, 54.5531, 0.3829

Details

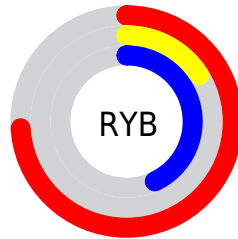
The Hex color **BD2A6D** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **2ABD7A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FA66A0**, and **82003E** is the 20% darker color. If you saturate the color by 10%, you get **BD1763**, and if you desaturate by 10%, it is **BD3D77**.

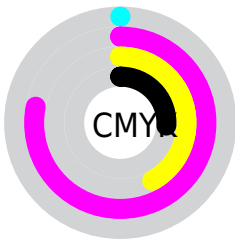
Distribution



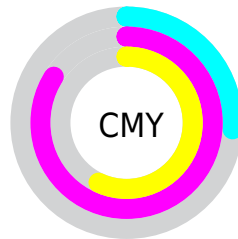
- Red (74%)
- Green (16%)
- Blue (43%)



- Red (74%)
- Yellow (16%)
- Blue (43%)



- Cyan (0%)
- Magenta (78%)
- Yellow (42%)
- Black (26%)



- Cyan (26%)
- Magenta (84%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD2A6D 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 BD2A6D by changing the saturation by 10% instead.

 BD2A6D

 BD2A6D

FFFFFF

 9F0055

 FA66A0

 82003E

 FF83BB

 650028

 FF9FD7

 4A0014

 FFBCF3

 2E0002

 FFD9FF

 000000

 FFF6FF

 BD2A6D

 BD2A6D

 BD1763

 BD3D77

 BD0458

 BD5082

 BD0056

 BD638C

 BD7696

 BD89A0

 BD9BAB

 BDAEB5

 BDC1BF

 BDD4CA

Harmonies

Analogous

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



A0409E



BD2A6D



BD343B

Triad

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



BD2A6D



4E7200



0079BE

Complementary

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



BD2A6D



2ABD7A

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.



007D96



BD2A6D



007A2C

Square

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



BD2A6D



806400



007D62



006FCE

Rectangle

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



BD2A6D



B0451A



007D62



007BB2

Sweetspot

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



BD2A6D



F5BCD6



782ABD



7A5868



FAFAFA



7A7A7A

Same Dimension

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



BD2A6D



F51179



BD2F2A



5E5559



9E0048



1F000E

Inverse Universe

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



BD2A6D



F51179



2AB8BD



5E5559



9E0048



1F000E

Previews

White Background



This preview shows how the Hex color BD2A6D looks on a white background.

Color Contrast Check

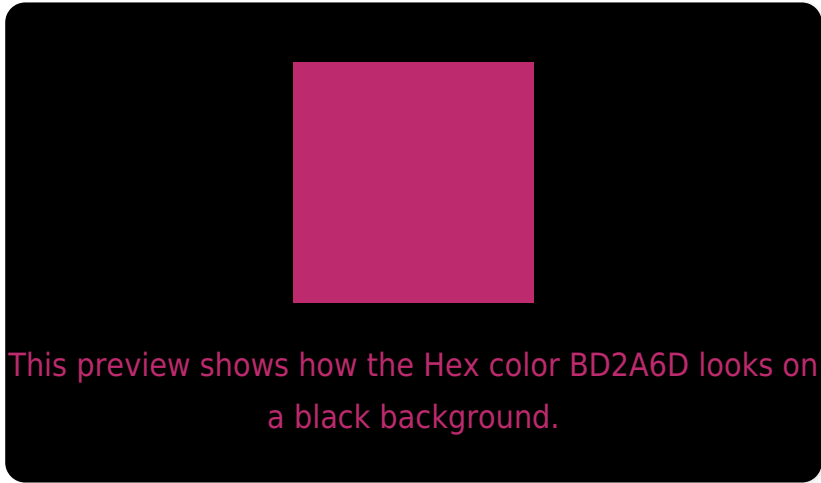
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD2A6D Background



This preview shows how black text looks on a background with the Hex color BD2A6D.



This preview shows how white text looks on a background with the Hex color BD2A6D.

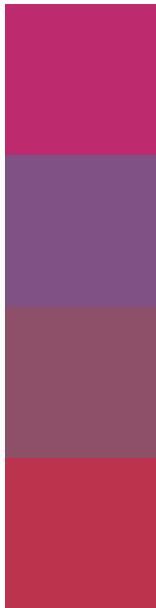
Color Blindness Simulation

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



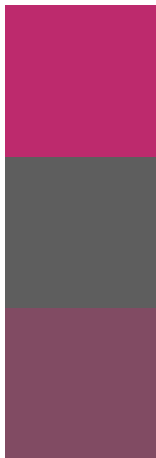
Original Color
BD2A6D

Protanomaly
7F5185

Deuteranomaly
8E5069

Tritanomaly
BB334D

Monochromacy



Original Color
BD2A6D

Achromatopsia
5E5E5E

Achromatomaly
814B63

CSS Examples

Text

The CSS property to change the color of the text to Hex BD2A6D 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 #BD2A6D looks like.

```
.text, #text, p{  
    color:#BD2A6D  
}
```

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 #BD2A6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD2A6D } }
```

Border

The CSS property to change the border of an element to Hex BD2A6D 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 #BD2A6D } }
```

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

```
.border{ border-color:#BD2A6D }
```

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

Here you see how a box with a 4 pixel #BD2A6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD2A6D; -webkit-box-shadow:4px 4px  
4px 4px #BD2A6D; box-shadow:4px 4px 4px  
4px #BD2A6D }
```

Background

The CSS property to change the background color of an element to Hex BD2A6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD2A6D }
```

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

```
.background{ background-color:#BD2A6D }
```

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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