

Converting Colors

Hex(BD2D59)

Have a look what the booklet for
Hex(BD2D59) contains.

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Color

Hex(BD2D59)

Conversions

Conversions Part 1

Format	Color
Hex	BD2D59
RGB	189, 45, 89
RGB Percent	74%, 18%, 35%
CMY	0.2588, 0.8235, 0.6510
CMYK	0.00, 0.76, 0.53, 0.26
HSL	342°, 62%, 46%
HSV	342°, 76%, 74%
XYZ	23.7278, 13.4169, 10.7903
YIQ	93.0720, 71.7000, 44.2120

Conversions

Conversions Part 2

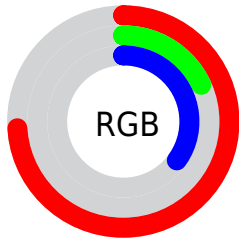
Format	Color
RYB	189, 45, 89
Decimal	12397913
CIELab	43.38, 58.86, 9.84
CIElCh	43, 59.678, 9.486
Yxy	13.4169, 0.4950, 0.2799
Android (android.graphics.Color)	4290587993 (0xFFBD2D59)
YUV	93.0720, -2.0075, 84.1289
Hunter-Lab	36.6290, 51.5293, 8.1745

Details

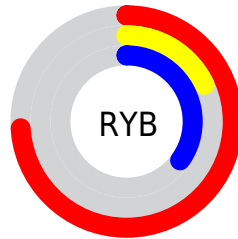
The Hex color **BD2D59** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **2DBD91**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FA688B**, and **81002C** is the 20% darker color. If you saturate the color by 10%, you get **BD1A4C**, and if you desaturate by 10%, it is **BD4066**.

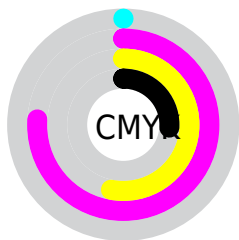
Distribution



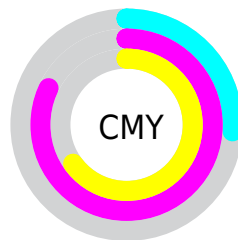
- Red (74%)
- Green (18%)
- Blue (35%)



- Red (74%)
- Yellow (18%)
- Blue (35%)



- Cyan (0%)
- Magenta (76%)
- Yellow (53%)
- Black (26%)



- Cyan (26%)
- Magenta (82%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD2D59 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 BD2D59 by changing the saturation by 10% instead.

 BD2D59

 BD2D59

FFFFFF

 9F0042

 FA688B

 81002C

 FF84A5

 640018

 FFA0C0

 480002

 FFBDDC

 2B0001

 FFDAF8

 000000

 FFF7FF

 BD2D59

 BD2D59

 BD1A4C

 BD4066

 BD073F

 BD5373

 BD003A

 BD6680

 BD798E

 BD8C9B

 BD9EA8

 BDB1B5

 BDC4C2

 BDD7CF

Harmonies

Analogous

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



AC378A



BD2D59



B43F2A

Triad

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



BD2D59



367509



0075C3

Complementary

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



BD2D59



2DBD91

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.



007BA5



BD2D59



007A42

Square

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



BD2D59



6E6900



007C75



0067C9

Rectangle

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



BD2D59



A25005



007C75



0078BC

Sweetspot

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



BD2D59



F5BCCE



8F2DBD



7A5863



FAFAFA



7A7A7A

Same Dimension

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



BD2D59



F5165A



BD472D



5E5558



9E0030



1F0009

Inverse Universe

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



BD2D59



F5165A



2DA3BD



5E5558



9E0030



1F0009

Previews

White Background



This preview shows how the Hex color BD2D59 looks on a white background.

Color Contrast Check

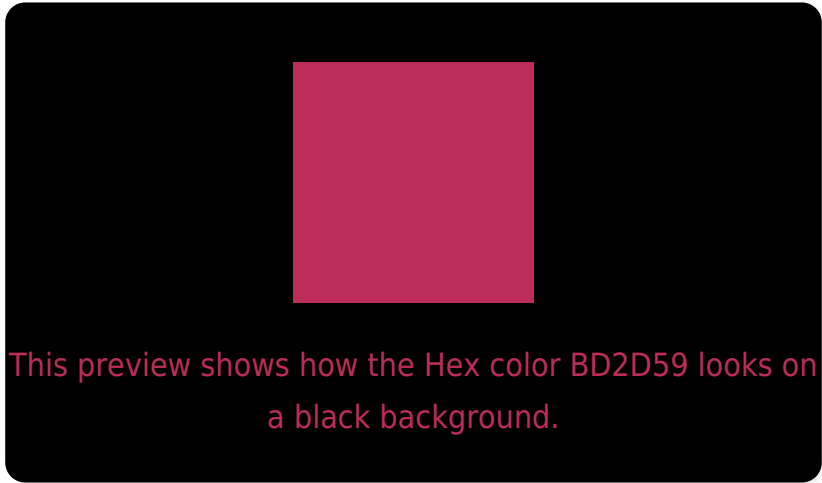
Large Text (above 18pt) WCAG AA ✓ Pass

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

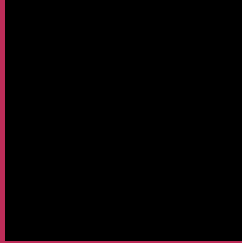
Any Text WCAG AA × Fail

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 BD2D59 Background



This preview shows how black text looks on a background with the Hex color BD2D59.

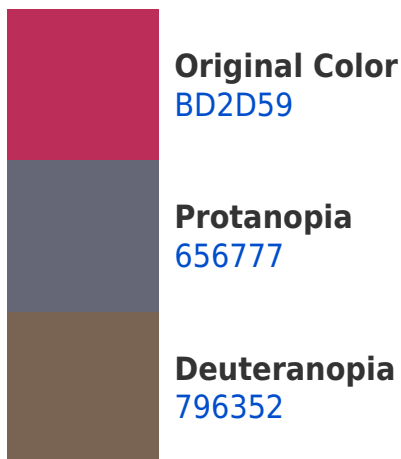


This preview shows how white text looks on a background with the Hex color BD2D59.

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



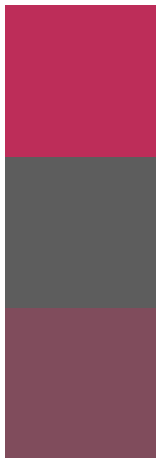
Original Color
BD2D59

Protanomaly
85526C

Deuteranomaly
924F55

Tritanomaly
BC3243

Monochromacy



Original Color
BD2D59

Achromatopsia
5D5D5D

Achromatomaly
804C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex BD2D59 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 #BD2D59 looks like.

```
.text, #text, p{  
    color:#BD2D59  
}
```

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 #BD2D59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD2D59
}
```

Border

The CSS property to change the border of an element to Hex BD2D59 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
#BD2D59 }
```

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

```
.border{ border-color:#BD2D59 }
```

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

Here you see how a box with a 4 pixel #BD2D59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD2D59; -webkit-box-shadow:4px 4px  
4px 4px #BD2D59; box-shadow:4px 4px 4px  
4px #BD2D59 }
```

Background

The CSS property to change the background color of an element to Hex BD2D59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD2D59 }
```

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

```
.background{ background-color:#BD2D59 }
```

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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