

Converting Colors

Hex(BD2182)

Have a look what the booklet for
Hex(BD2182) contains.

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Color

Hex(BD2182)

Conversions

Conversions Part 1

Format	Color
Hex	BD2182
RGB	189, 33, 130
RGB Percent	74%, 13%, 51%
CMY	0.2588, 0.8706, 0.4902
CMYK	0.00, 0.83, 0.31, 0.26
HSL	323°, 70%, 44%
HSV	323°, 83%, 74%
XYZ	25.5594, 13.5182, 22.3812
YIQ	90.7020, 61.8390, 63.2390

Conversions

Conversions Part 2

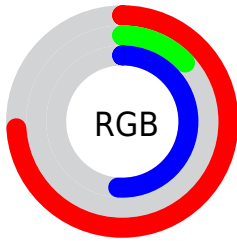
Format	Color
RYB	189, 33, 130
Decimal	12394882
CIELab	43.53, 66.12, -15.39
CIELCh	44, 67.886, 346.898
Yxy	13.5182, 0.4159, 0.2200
Android (android.graphics.Color)	4290584962 (0xFFBD2182)
YUV	90.7020, 19.3739, 86.2073
Hunter-Lab	36.7672, 59.7452, -10.3546

Details

The Hex color **BD2182** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **21BD5C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **F961B7**, and **830051** is the 20% darker color. If you saturate the color by 10%, you get **BD0E7B**, and if you desaturate by 10%, it is **BD3489**.

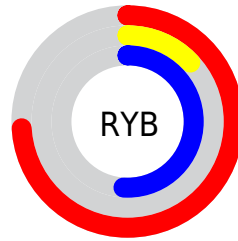
Distribution



Red (74%)

Green (13%)

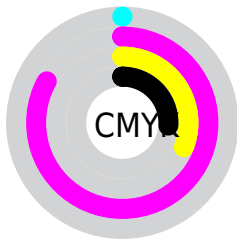
Blue (51%)



Red (74%)

Yellow (13%)

Blue (51%)

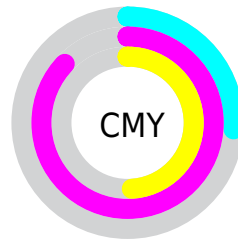


Cyan (0%)

Magenta (83%)

Yellow (31%)

Black (26%)



Cyan (26%)

Magenta (87%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD2182 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 BD2182 by changing the saturation by 10% instead.

 BD2182

 BD2182

FFFFFF

 A00069

 F961B7

 830051

 FF7ED3

 66003A

 FF9BEF

 4B0024

 FFB8FF

 2F000C

 FFD5FF

 000000

 FFF3FF

 BD2182

 BD2182

 BD0E7B

 BD3489

 BD0076

 BD4790

 BD5A97

 BD6D9F

 BD80A6

 BD92AD

 BDA5B4

 BDB8BB

 BDCBC2

Harmonies

Analogous

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



8F46B5



BD2182



C71C4A

Triad

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



BD2182



606E00



007DB9

Complementary

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



BD2182



21BD5C

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.



007F86



BD2182



007806

Square

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



BD2182



915B00



007D4B



0075D6

Rectangle

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



BD2182



BE3326



007D4B



007EAA

Sweetspot

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



BD2182



F5B8DE



5A21BD



7A566D



FAFAFA



7A7A7A

Same Dimension

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



BD2182



F50299



BD2136



5E555B



9E0062



1F0013

Inverse Universe

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



BD2182



F50299



21BDA8



5E555B



9E0062



1F0013

Previews

White Background



This preview shows how the Hex color BD2182 looks on a white background.

Color Contrast Check

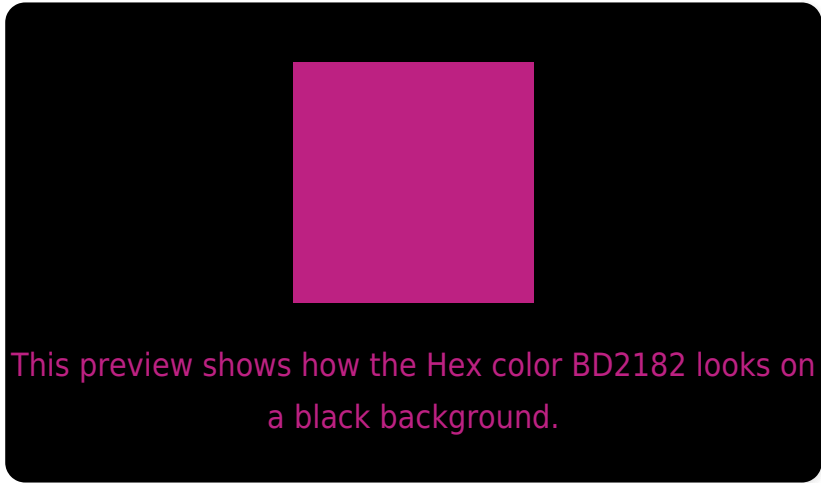
Large Text (above 18pt) WCAG AA ✓ Pass

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

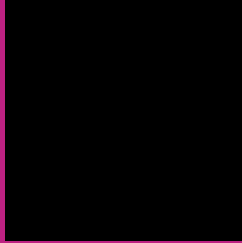
Any Text WCAG AA × Fail

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 BD2182 Background



This preview shows how black text looks on a background with the Hex color BD2182.




This preview shows how white text looks on a background with the Hex color BD2182.

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





Tritanopia
B83A3D

Trichromacy



Original Color
BD2182



Protanomaly
724DA1



Deuteranomaly
884C7D

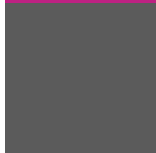


Tritanomaly
BA3156

Monochromacy



Original Color
BD2182



Achromatopsia
5B5B5B



Achromatomaly
7F4669

CSS Examples

Text

The CSS property to change the color of the text to Hex BD2182 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 #BD2182 looks like.

```
.text, #text, p{  
    color:#BD2182  
}
```

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 #BD2182 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD2182
}
```

Border

The CSS property to change the border of an element to Hex BD2182 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
#BD2182 }
```

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

```
.border{ border-color:#BD2182 }
```

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

Here you see how a box with a 4 pixel #BD2182 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD2182; -webkit-box-shadow:4px 4px  
4px 4px #BD2182; box-shadow:4px 4px 4px  
4px #BD2182 }
```

Background

The CSS property to change the background color of an element to Hex BD2182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD2182 }
```

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

```
.background{ background-color:#BD2182 }
```

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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