

Converting Colors

Hex(BD2086)

Have a look what the booklet for
Hex(BD2086) contains.

Hex(BD2086)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BD2086)

Conversions

Conversions Part 1

Format	Color
Hex	BD2086
RGB	189, 32, 134
RGB Percent	74%, 13%, 53%
CMY	0.2588, 0.8745, 0.4745
CMYK	0.00, 0.83, 0.29, 0.26
HSL	321°, 71%, 43%
HSV	321°, 83%, 74%
XYZ	25.8059, 13.5731, 23.8140
YIQ	90.5710, 60.8300, 65.0060

Conversions

Conversions Part 2

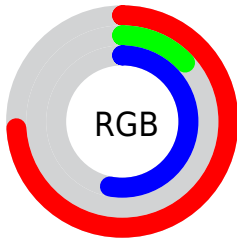
Format	Color
R_{YB}	189, 32, 134
Decimal	12394630
CIE _{Lab}	43.61, 66.81, -17.72
CIE _{LCh}	44, 69.116, 345.147
Yxy	13.5731, 0.4084, 0.2148
Android (android.graphics.Color)	4290584710 (0xFFBD2086)
YUV	90.5710, 21.4105, 86.3222
Hunter-Lab	36.8416, 60.5580, -12.5352

Details

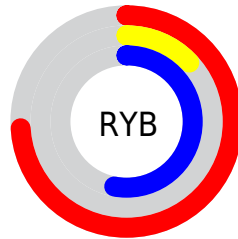
The Hex color **BD2086** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **20BD57**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **F961BB**, and **830054** is the 20% darker color. If you saturate the color by 10%, you get **BD0D7F**, and if you desaturate by 10%, it is **BD338D**.

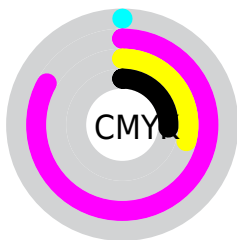
Distribution



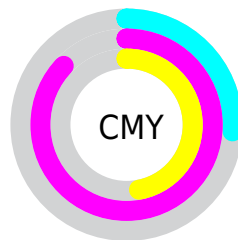
- Red (74%)
- Green (13%)
- Blue (53%)



- Red (74%)
- Yellow (13%)
- Blue (53%)



- Cyan (0%)
- Magenta (83%)
- Yellow (29%)
- Black (26%)



- Cyan (26%)
- Magenta (87%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD2086 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 BD2086 by changing the saturation by 10% instead.

 BD2086

 BD2086

FFFFFF

 A0006D

 F961BB

 830054

 FF7ED7

 66003D

 FF9BF4

 4B0027

 FFB8FF

 2F0011

 FFD5FF

 000000

 FFF3FF

 BD2086

 BD2086

 BD0D7F

 BD338D

 BD007B

 BD4693

 BD599A

 BD6CA0

 BD7FA7

 BD91AE

 BDA4B4

 BDB7BB

 BDCAC2

Harmonies

Analogous

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



8C47B9



BD2086



C9164D

Triad

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



BD2086



636D00



007EB8

Complementary

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



BD2086



20BD57

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.



007F84



BD2086



077800

Square

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



BD2086



955A00



007E47



0076D7

Rectangle

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



BD2086



C13028



007E47



007FA8

Sweetspot

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



BD2086



F5B8DF



5720BD



7A566E



FAFAFA



7A7A7A

Same Dimension

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



BD2086



F5009F



BD2038



5E555B



9E0067



1F0014

Inverse Universe

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



BD2086



F5009F



20BDA5



5E555B



9E0067



1F0014

Previews

White Background



This preview shows how the Hex color BD2086 looks on a white background.

Color Contrast Check

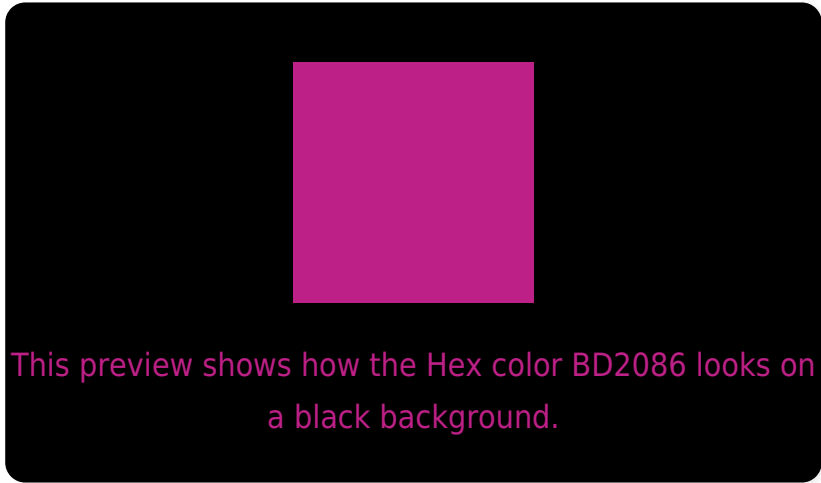
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD2086 Background



This preview shows how black text looks on a background with the Hex color BD2086.



This preview shows how white text looks on a background with the Hex color BD2086.

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



Original Color
BD2086

Protanopia
4266B8

Deuteranopia
68667E



Tritanopia
B83B3E

Trichromacy



Original Color
BD2086



Protanomaly
6F4DA6



Deuteranomaly
874D81

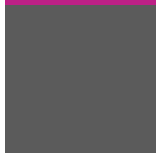


Tritanomaly
BA3158

Monochromacy



Original Color
BD2086



Achromatopsia
5B5B5B



Achromatomaly
7F466B

CSS Examples

Text

The CSS property to change the color of the text to Hex BD2086 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 #BD2086 looks like.

```
.text, #text, p{  
    color:#BD2086  
}
```

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 #BD2086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD2086
}
```

Border

The CSS property to change the border of an element to Hex BD2086 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
#BD2086 }
```

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

```
.border{ border-color:#BD2086 }
```

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

Here you see how a box with a 4 pixel #BD2086 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD2086; -webkit-box-shadow:4px 4px  
4px 4px #BD2086; box-shadow:4px 4px 4px  
4px #BD2086 }
```

Background

The CSS property to change the background color of an element to Hex BD2086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD2086 }
```

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

```
.background{ background-color:#BD2086 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor