

Converting Colors

Hex(BF0DA2)

Have a look what the booklet for
Hex(BF0DA2) contains.

Hex(BF0DA2)	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(BF0DA2)

Conversions

Conversions Part 1

Format	Color
Hex	BF0DA2
RGB	191, 13, 162
RGB Percent	75%, 5%, 64%
CMY	0.2510, 0.9490, 0.3647
CMYK	0.00, 0.93, 0.15, 0.25
HSL	310°, 87%, 40%
HSV	310°, 93%, 75%
XYZ	28.1514, 13.9728, 35.3957
YIQ	83.2080, 58.2590, 84.0750

Conversions

Conversions Part 2

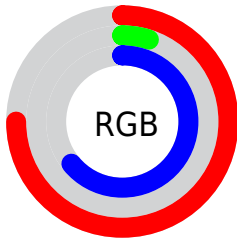
Format	Color
R_{YB}	191, 13, 162
Decimal	12520866
CIE _{Lab}	44.19, 73.83, -33.74
CIE _{LCh}	44, 81.176, 335.444
Yxy	13.9728, 0.3632, 0.1802
Android (android.graphics.Color)	4290710946 (0xFFBF0DA2)
YUV	83.2080, 38.8445, 94.5336
Hunter-Lab	37.3803, 69.0142, -29.9760

Details

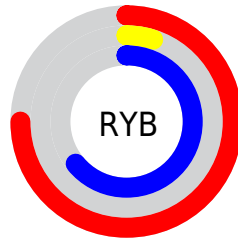
The Hex color **BF0DA2** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **0DBF2A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FB5BD9**, and **85006E** is the 20% darker color. If you saturate the color by 10%, you get **BF00A0**, and if you desaturate by 10%, it is **BF20A5**.

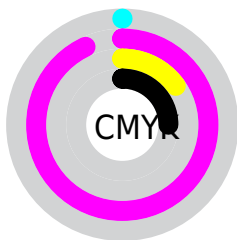
Distribution



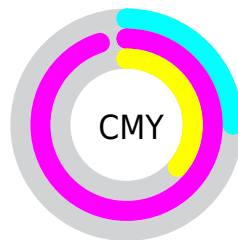
- Red (75%)
- Green (5%)
- Blue (64%)



- Red (75%)
- Yellow (5%)
- Blue (64%)



- Cyan (0%)
- Magenta (93%)
- Yellow (15%)
- Black (25%)



- Cyan (25%)
- Magenta (95%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color BF0DA2 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 BF0DA2 by changing the saturation by 10% instead.

 BF0DA2

 BF0DA2

FFFFFF

 A20087

 FB5BD9

 85006E

 FF79F6

 680055

 FF96FF

 4D003D

 FFB3FF

 310027

 FFD1FF

 07000F

 FFEFFF

 000000

 BF0DA2

 BF0DA2

 BF00A0

 BF20A5

 BF33A8

 BF46AB

 BF59AE

 BF6DB2

 BF80B5

 BF93B8

 BFA6BB

 BFB9BE

Harmonies

Analogous

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



704FD8



BF0DA2



D90060

Triad

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



BF0DA2



756A00



0083B6

Complementary

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



BF0DA2



0DBF2A

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.



008374



BF0DA2



247900

Square

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



BF0DA2



AB4E00



00802A



007EE5

Rectangle

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



BF0DA2



D60034



00802A



0084A1

Sweetspot

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



BF0DA2



F7B2EC



280DBF



7D5276



FCFCFC



7D7D7D

Same Dimension

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



BF0DA2



F700CF



BF0D4B



5E555D



9E0084



1F001A

Inverse Universe

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



BF0DA2



F700CF



0DBF81



5E555D



9E0084



1F001A

Previews

White Background



This preview shows how the Hex color BF0DA2 looks on a white background.

Color Contrast Check

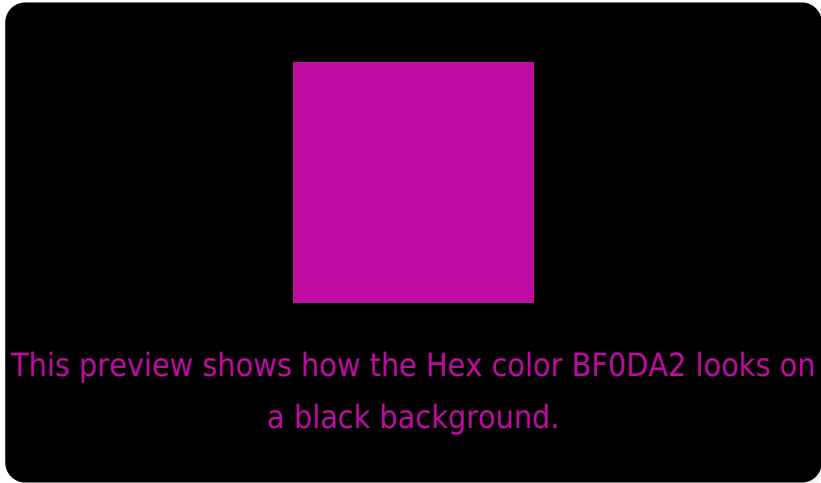
Large Text (above 18pt) WCAG AA ✓ Pass

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

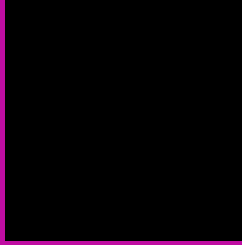
Any Text WCAG AA × Fail

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 BF0DA2 Background



This preview shows how black text looks on a background with the Hex color BF0DA2.



This preview shows how white text looks on a background with the Hex color BF0DA2.

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
BF0DA2



Protanomaly
4546C5



Deuteranomaly
7D489C



Tritanomaly
BA2D66

Monochromacy



Original Color
BF0DA2



Achromatopsia
535353



Achromatomaly
7A3A70

CSS Examples

Text

The CSS property to change the color of the text to Hex BF0DA2 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 #BF0DA2 looks like.

```
.text, #text, p{  
    color:#BF0DA2  
}
```

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 #BF0DA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF0DA2
}
```

Border

The CSS property to change the border of an element to Hex BF0DA2 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
#BF0DA2 }
```

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

```
.border{ border-color:#BF0DA2 }
```

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

Here you see how a box with a 4 pixel #BF0DA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF0DA2; -webkit-box-shadow:4px 4px  
4px 4px #BF0DA2; box-shadow:4px 4px 4px  
4px #BF0DA2 }
```

Background

The CSS property to change the background color of an element to Hex BF0DA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF0DA2 }
```

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

```
.background{ background-color:#BF0DA2 }
```

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