

# Converting Colors

Hex(BF2CAE)

Have a look what the booklet for  
Hex(BF2CAE) contains.

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# Color

**Hex(BF2CAE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF2CAE
RGB	191, 44, 174
RGB Percent	75%, 17%, 68%
CMY	0.2510, 0.8275, 0.3176
CMYK	0.00, 0.77, 0.09, 0.25
HSL	307°, 63%, 46%
HSV	307°, 77%, 75%
XYZ	30.0265, 15.9337, 41.5373
YIQ	102.7730, 45.8820, 71.5940

# Conversions

## Conversions Part 2

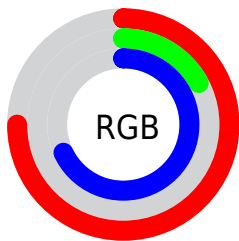
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 44, 174
Decimal	12528814
CIE <sub>Lab</sub>	46.89, 69.47, -36.63
CIE <sub>LCh</sub>	47, 78.530, 332.200
Yxy	15.9337, 0.3432, 0.1821
Android (android.graphics.Color)	4290718894 (0xFFBF2CAE)
YUV	102.7730, 35.1149, 77.3751
Hunter-Lab	39.9171, 64.4169, -33.7547

# Details

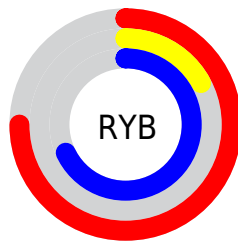
The Hex color **BF2CAE** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **2CBF3D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FB6AE6**, and **850079** is the 20% darker color. If you saturate the color by 10%, you get **BF19AC**, and if you desaturate by 10%, it is **BF3FB0**.

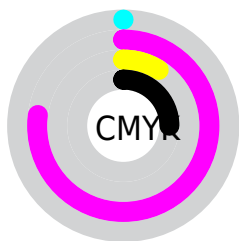
# Distribution



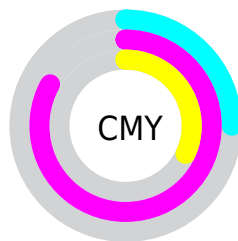
- Red (75%)
- Green (17%)
- Blue (68%)



- Red (75%)
- Yellow (17%)
- Blue (68%)



- Cyan (0%)
- Magenta (77%)
- Yellow (9%)
- Black (25%)



- Cyan (25%)
- Magenta (83%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF2CAE 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 BF2CAE by changing the saturation by 10% instead.



 BF2CAE

 BF2CAE

FFFFFF

 A20093

 FB6AE6

 850079

 FF87FF

 690060

 FFA4FF

 4E0047

 FFC1FF

 340031

 FFDEFF

 10001A

 FFFCFF

 000000

 BF2CAE

 BF2CAE

 BF19AC

 BF3FB0

 BF06AA

 BF52B2

 BF00A9

 BF65B5

 BF78B7

 BF8CB9

 BF9FBB

 BFB2BD

 BFC5C0

 BFD8C2

# Harmonies

## Analogous

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



6B5AE1



BF2CAE



DE006D

# Triad

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



BF2CAE



836E00



008AB5

# Complementary

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



BF2CAE



2CBF3D

# 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.



008A72



BF2CAE



3D7F00

# Square

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



BF2CAE



B65200



00872B



0085E5

# Rectangle

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



BF2CAE



DD0842



00872B



008BA0



# Sweetspot

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



BF2CAE



F7BEF1



3B2CBF



7D5A79



FCFCFC



7D7D7D



# Same Dimension

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



BF2CAE



F714DD



BF2C67



5E555D



9E008C



1F001B



# Inverse Universe

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



BF2CAE



F714DD



2CBF84



5E555D



9E008C



1F001B



# Previews

## White Background



This preview shows how the Hex color BF2CAE looks on a white background.

## Color Contrast Check

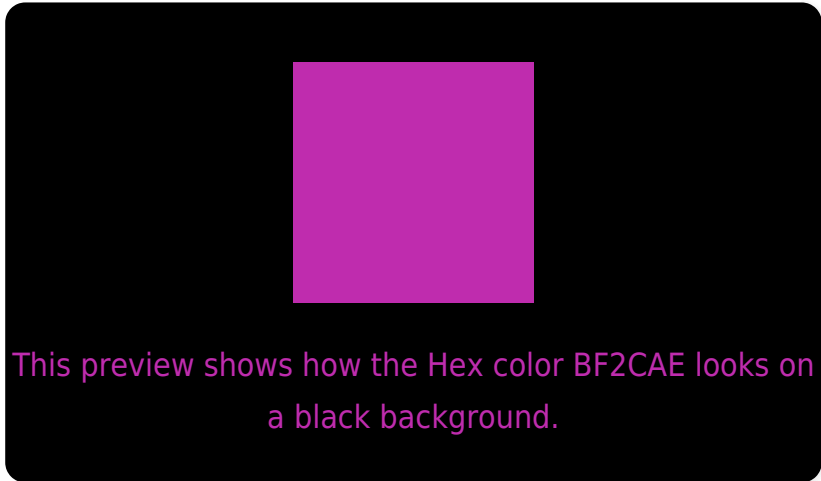
Large Text (above 18pt) WCAG AA ✓ Pass

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

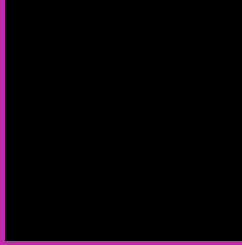
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BF2CAE Background



This preview shows how black text looks on a background with the Hex color BF2CAE.

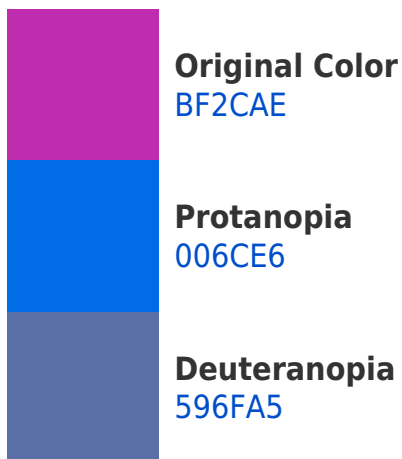


This preview shows how white text looks on a background with the Hex color BF2CAE.

# 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**  
B64E53

# Trichromacy



**Original Color**  
BF2CAE



**Protanomaly**  
4555D2



**Deuteranomaly**  
7E57A8



**Tritanomaly**  
B94274

# Monochromacy



**Original Color**  
BF2CAE



**Achromatopsia**  
676767



**Achromatomaly**  
875281

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF2CAE 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 #BF2CAE looks like.

```
.text, #text, p{  
    color:#BF2CAE  
}
```

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 #BF2CAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF2CAE
}
```

## Border

The CSS property to change the border of an element to Hex BF2CAE 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
#BF2CAE }
```

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

```
.border{ border-color:#BF2CAE }
```

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

Here you see how a box with a 4 pixel #BF2CAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF2CAE; -webkit-box-shadow:4px 4px  
4px 4px #BF2CAE; box-shadow:4px 4px 4px  
4px #BF2CAE }
```

# Background

The CSS property to change the background color of an element to Hex BF2CAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF2CAE }
```

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

```
.background{ background-color:#BF2CAE }
```

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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