

# Converting Colors

Hex(BC27BA)

Have a look what the booklet for  
Hex(BC27BA) contains.

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# Color

**Hex(BC27BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC27BA
RGB	188, 39, 186
RGB Percent	74%, 15%, 73%
CMY	0.2627, 0.8471, 0.2706
CMYK	0.00, 0.79, 0.01, 0.26
HSL	301°, 66%, 45%
HSV	301°, 79%, 74%
XYZ	30.3275, 15.6876, 47.8839
YIQ	100.3090, 41.6170, 77.3050

# Conversions

## Conversions Part 2

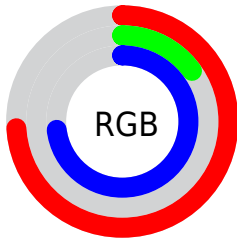
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 39, 186
Decimal	12330938
CIE <sub>Lab</sub>	46.56, 72.00, -44.23
CIE <sub>LCh</sub>	47, 84.501, 328.440
Yxy	15.6876, 0.3230, 0.1671
Android (android.graphics.Color)	4290521018 (0xFFBC27BA)
YUV	100.3090, 42.2457, 76.9050
Hunter-Lab	39.6075, 67.3642, -43.9540

# Details

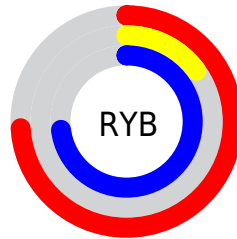
The Hex color **BC27BA** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **27BC29**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **F867F3**, and **820084** is the 20% darker color. If you saturate the color by 10%, you get **BC14BA**, and if you desaturate by 10%, it is **BC3ABA**.

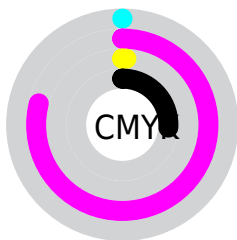
# Distribution



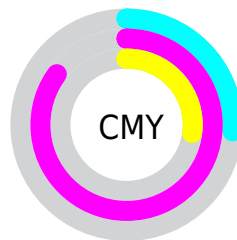
- Red (74%)
- Green (15%)
- Blue (73%)



- Red (74%)
- Yellow (15%)
- Blue (73%)



- Cyan (0%)
- Magenta (79%)
- Yellow (1%)
- Black (26%)



- Cyan (26%)
- Magenta (85%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC27BA 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 BC27BA by changing the saturation by 10% instead.



 BC27BA

 BC27BA

FFFFFF

 9F009F

 F867F3

 820084

 FF84FF

 66006A

 FFA1FF

 4A0051

 FFBEFF

 30003A

 FFDCFF

 0B0023

 FFFAFF

 000009

 000000

 BC27BA

 BC27BA

 BC14BA

 BC3ABA

 BC01B9

 BC4DBB

 BC00B9

 BC5FBB

 BC72BB

 BC85BB

 BC98BC

 BCABBC

 BCBDBC

 BCD0BC

# Harmonies

## Analogous

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



515DED



BC27BA



E20075

# Triad

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



BC27BA



8A6B00



008BB1

# Complementary

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



BC27BA



27BC29

# 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.



008A69



BC27BA



427D00

# Square

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



BC27BA



BF4900



008617



0087E8

# Rectangle

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



BC27BA



E40047



008617



008B9A



# Sweetspot

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



BC27BA



F5BAF4



2727BC



7A577A



FAFAFA



7A7A7A



# Same Dimension

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



BC27BA



F50CF2



BC2772



5E555E



9E009C



1F001E



# Inverse Universe

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



BC27BA



F50CF2



27BC72



5E555E



9E009C

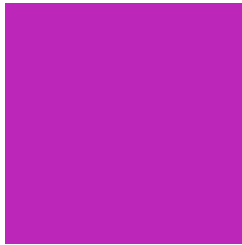


1F001E



# Previews

## White Background



This preview shows how the Hex color BC27BA looks on a white background.

## Color Contrast Check

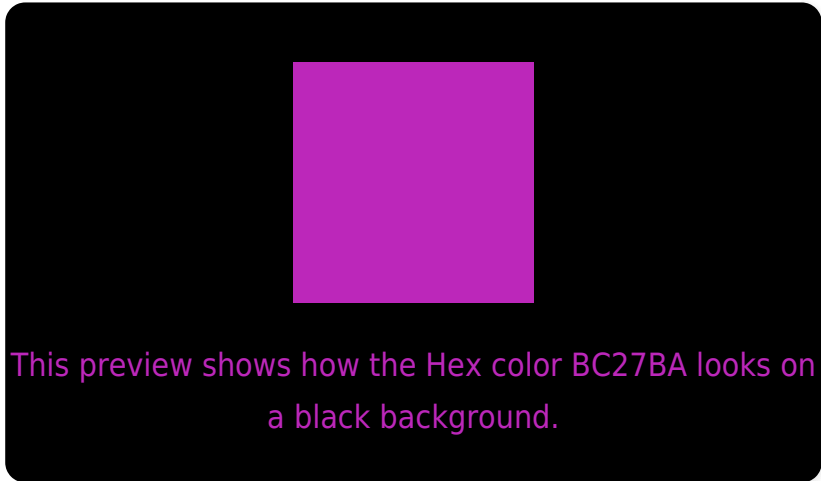
Large Text (above 18pt) WCAG AA ✓ Pass

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

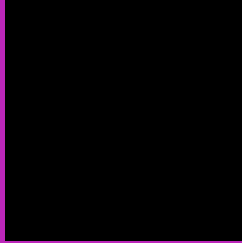
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex BC27BA Background



This preview shows how black text looks on a background with the Hex color BC27BA.

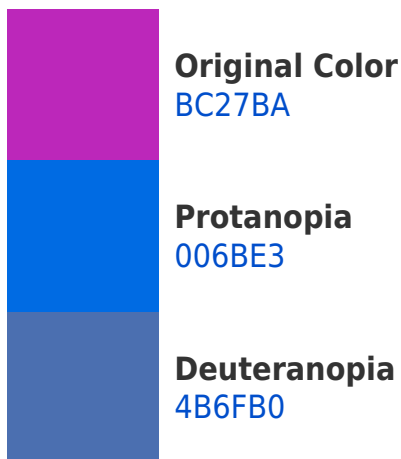


This preview shows how white text looks on a background with the Hex color BC27BA.

# 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**  
B15055

# Trichromacy



**Original Color**  
BC27BA



**Protanomaly**  
4452D4



**Deuteranomaly**  
7455B4



**Tritanomaly**  
B5417A

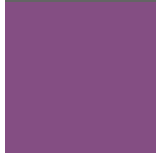
# Monochromacy



**Original Color**  
BC27BA



**Achromatopsia**  
646464



**Achromatomaly**  
844E83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC27BA 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 #BC27BA looks like.

```
.text, #text, p{  
    color:#BC27BA  
}
```

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 #BC27BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC27BA
}
```

## Border

The CSS property to change the border of an element to Hex BC27BA 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
#BC27BA }
```

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

```
.border{ border-color:#BC27BA }
```

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

Here you see how a box with a 4 pixel #BC27BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC27BA; -webkit-box-shadow:4px 4px  
4px 4px #BC27BA; box-shadow:4px 4px 4px  
4px #BC27BA }
```

# Background

The CSS property to change the background color of an element to Hex BC27BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC27BA }
```

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

```
.background{ background-color:#BC27BA }
```

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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