

# Converting Colors

Hex(BC23AF)

Have a look what the booklet for  
Hex(BC23AF) contains.

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# Color

**Hex(BC23AF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC23AF
RGB	188, 35, 175
RGB Percent	74%, 14%, 69%
CMY	0.2627, 0.8627, 0.3137
CMYK	0.00, 0.81, 0.07, 0.26
HSL	305°, 69%, 44%
HSV	305°, 81%, 74%
XYZ	29.0779, 14.9886, 41.9179
YIQ	96.7070, 46.2480, 75.9760

# Conversions

## Conversions Part 2

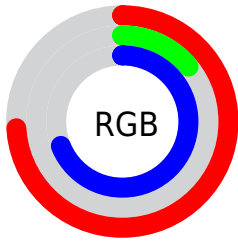
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 35, 175
Decimal	12329903
CIE <sub>Lab</sub>	45.62, 71.31, -39.25
CIE <sub>LCh</sub>	46, 81.401, 331.169
Yxy	14.9886, 0.3382, 0.1743
Android (android.graphics.Color)	4290519983 (0xFFBC23AF)
YUV	96.7070, 38.5984, 80.0640
Hunter-Lab	38.7151, 66.3155, -37.0945

# Details

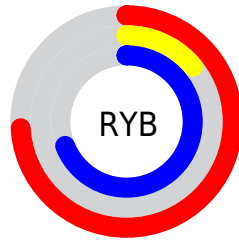
The Hex color **BC23AF** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **23BC30**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **F864E7**, and **82007A** is the 20% darker color. If you saturate the color by 10%, you get **BC10AD**, and if you desaturate by 10%, it is **BC36B1**.

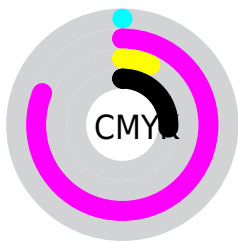
# Distribution



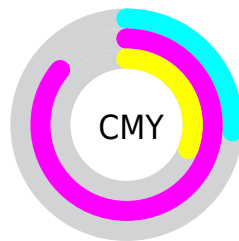
- Red (74%)
- Green (14%)
- Blue (69%)



- Red (74%)
- Yellow (14%)
- Blue (69%)



- Cyan (0%)
- Magenta (81%)
- Yellow (7%)
- Black (26%)



- Cyan (26%)
- Magenta (86%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC23AF 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 BC23AF by changing the saturation by 10% instead.



 BC23AF

 BC23AF

FFFFFF

 9F0094

 F864E7

 82007A

 FF81FF

 660061

 FF9EFF

 4B0048

 FFBBFF

 300031

 FFD9FF

 08001B

 FFF7FF

 000000

 BC23AF

 BC23AF

 BC10AD

 BC36B1

 BC00AC

 BC49B2

 BC5BB4

 BC6EB5

 BC81B7

 BC94B9

 BCA7BA

 BCB9BC

 BCCCBD

# Harmonies

## Analogous

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



6158E3



BC23AF



DD006D

# Triad

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



BC23AF



826B00



0087B2

# Complementary

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



BC23AF



23BC30

# 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.



00876D



BC23AF



397B00

# Square

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



BC23AF



B64C00



008322



0083E4

# Rectangle

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



BC23AF



DD0040



008322



00889C



# Sweetspot

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



BC23AF



F5BAF0



3023BC



7A5777



FAFAFA



7A7A7A



# Same Dimension

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



BC23AF



F505E0



BC2363



5E555E



9E0091



1F001C



# Inverse Universe

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



BC23AF



F505E0



23BC7C



5E555E



9E0091



1F001C



# Previews

## White Background



This preview shows how the Hex color BC23AF looks on a white background.

## Color Contrast Check

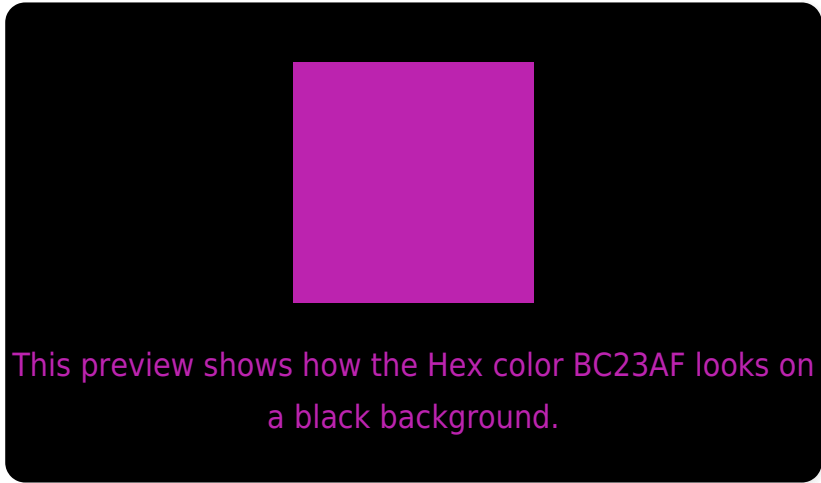
Large Text (above 18pt) WCAG AA ✓ Pass

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

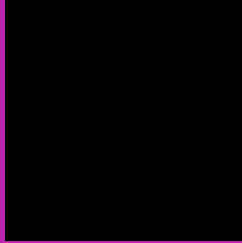
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex BC23AF Background



This preview shows how black text looks on a background with the Hex color BC23AF.

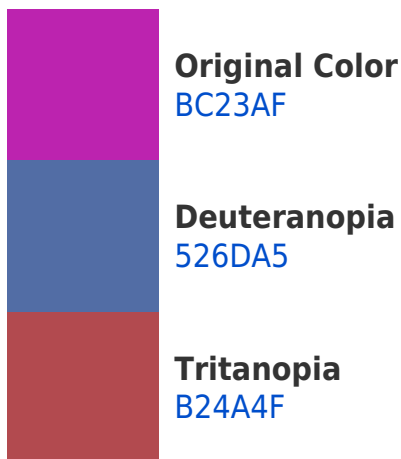


This preview shows how white text looks on a background with the Hex color BC23AF.

# 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**  
BC23AF

**Deuteranomaly**  
7952A9

**Tritanomaly**  
B63C72

# Monochromacy



**Original Color**  
BC23AF

**Achromatopsia**  
616161

**Achromatomaly**  
824A7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC23AF 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 #BC23AF looks like.

```
.text, #text, p{  
    color:#BC23AF  
}
```

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 #BC23AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC23AF
}
```

## Border

The CSS property to change the border of an element to Hex BC23AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

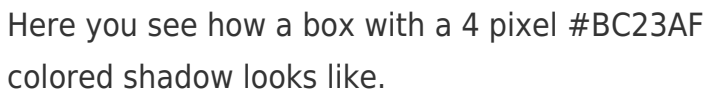
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC23AF }
```

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

```
.border{ border-color:#BC23AF }
```

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



Here you see how a box with a 4 pixel `#BC23AF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC23AF; -webkit-box-shadow:4px 4px  
4px 4px #BC23AF; box-shadow:4px 4px 4px  
4px #BC23AF }
```

# Background

The CSS property to change the background color of an element to Hex BC23AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC23AF }
```

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

```
.background{ background-color:#BC23AF }
```

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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