

# Converting Colors

Hex(BA23A2)

Have a look what the booklet for  
Hex(BA23A2) contains.

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# Color

**Hex(BA23A2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA23A2
RGB	186, 35, 162
RGB Percent	73%, 14%, 64%
CMY	0.2706, 0.8627, 0.3647
CMYK	0.00, 0.81, 0.13, 0.27
HSL	310°, 68%, 43%
HSV	310°, 81%, 73%
XYZ	27.3723, 14.2498, 35.4902
YIQ	94.6270, 49.2290, 71.5090

# Conversions

## Conversions Part 2

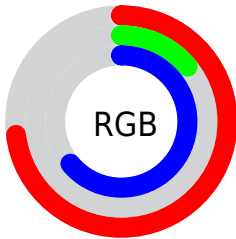
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 35, 162
Decimal	12198818
CIE <sub>Lab</sub>	44.59, 69.03, -33.18
CIE <sub>LCh</sub>	45, 76.587, 334.330
Yxy	14.2498, 0.3550, 0.1848
Android (android.graphics.Color)	4290388898 (0xFFBA23A2)
YUV	94.6270, 33.2149, 80.1341
Hunter-Lab	37.7489, 63.3725, -29.3182

# Details

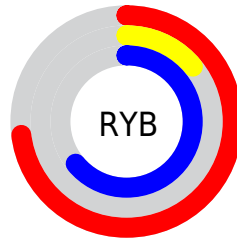
The Hex color **BA23A2** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **23BA3B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **F663D9**, and **80006E** is the 20% darker color. If you saturate the color by 10%, you get **BA109F**, and if you desaturate by 10%, it is **BA36A5**.

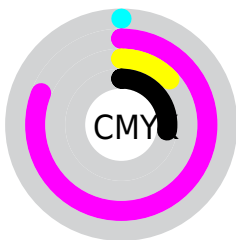
# Distribution



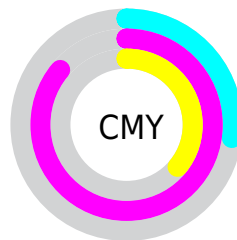
- Red (73%)
- Green (14%)
- Blue (64%)



- Red (73%)
- Yellow (14%)
- Blue (64%)



- Cyan (0%)
- Magenta (81%)
- Yellow (13%)
- Black (27%)



- Cyan (27%)
- Magenta (86%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA23A2 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 BA23A2 by changing the saturation by 10% instead.



 BA23A2

 BA23A2

FFFFFF

 9D0087

 F663D9

 80006E

 FF80F6

 640055

 FF9DFF

 49003D

 FFBAFF

 2F0027

 FFD7FF

 00000F

 FFF5FF

 000000

 BA23A2

 BA23A2

 BA109F

 BA36A5

 BA009C

 BA48A8

 BA5BAB

 BA6DAE

 BA80B1

 BA93B4

 BAA5B7

 BAB8BA

 BACABD

# Harmonies

## Analogous

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



6E53D4



BA23A2



D50063

# Triad

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



BA23A2



796A00



0083B1

# Complementary

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



BA23A2



23BA3B

# 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.



008371



BA23A2



327900

# Square

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



BA23A2



AB5000



00802D



007EDE

# Rectangle

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



BA23A2



D2083A



00802D



00849D



# Sweetspot

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



BA23A2



F2B8E9



3A23BA



7A5775



FAFAFA



7A7A7A



# Same Dimension

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



BA23A2



F207CD



BA2358



5C535A



9C0083



1C0018



# Inverse Universe

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



BA23A2



F207CD



23BA85



5C535A



9C0083



1C0018



# Previews

## White Background



This preview shows how the Hex color BA23A2 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

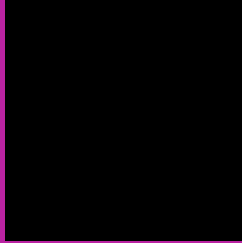
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex BA23A2 Background



This preview shows how black text looks on a background with the Hex color BA23A2.

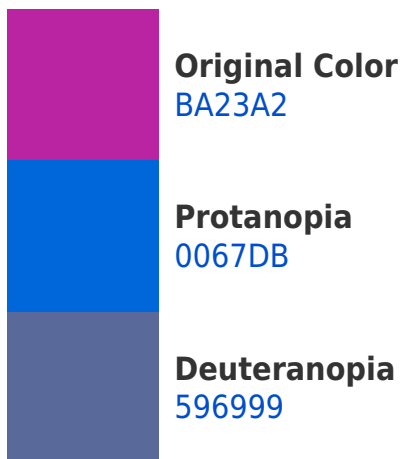



This preview shows how white text looks on a background with the Hex color BA23A2.

# 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**  
B2464A

# Trichromacy



**Original Color**  
BA23A2



**Protanomaly**  
444EC6



**Deuteranomaly**  
7C509C



**Tritanomaly**  
B5396A

# Monochromacy



**Original Color**  
BA23A2



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
804977

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA23A2 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 #BA23A2 looks like.

```
.text, #text, p{  
    color:#BA23A2  
}
```

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 #BA23A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA23A2
}
```

## Border

The CSS property to change the border of an element to Hex BA23A2 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
#BA23A2 }
```

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

```
.border{ border-color:#BA23A2 }
```

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

Here you see how a box with a 4 pixel #BA23A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA23A2; -webkit-box-shadow:4px 4px  
4px 4px #BA23A2; box-shadow:4px 4px 4px  
4px #BA23A2 }
```

# Background

The CSS property to change the background color of an element to Hex BA23A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA23A2 }
```

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

```
.background{ background-color:#BA23A2 }
```

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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