

Converting Colors

Hex(B239A3)

Have a look what the booklet for
Hex(B239A3) contains.

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Color

Hex(B239A3)

Conversions

Conversions Part 1

Format	Color
Hex	B239A3
RGB	178, 57, 163
RGB Percent	70%, 22%, 64%
CMY	0.3020, 0.7765, 0.3608
CMYK	0.00, 0.68, 0.08, 0.30
HSL	307°, 51%, 46%
HSV	307°, 68%, 70%
XYZ	26.4341, 15.0356, 36.1593
YIQ	105.2630, 38.0900, 58.6180

Conversions

Conversions Part 2

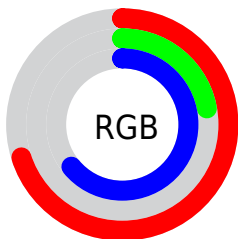
Format	Color
R_{YB}	178, 57, 163
Decimal	11680163
CIE _{Lab}	45.68, 60.50, -32.15
CIE _{LCh}	46, 68.509, 332.012
Yxy	15.0356, 0.3405, 0.1937
Android (android.graphics.Color)	4289870243 (0xFFB239A3)
YUV	105.2630, 28.4643, 63.7903
Hunter-Lab	38.7757, 53.8290, -28.1463

Details

The Hex color **B239A3** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **39B248**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **EC72DA**, and **7A006F** is the 20% darker color. If you saturate the color by 10%, you get **B227A1**, and if you desaturate by 10%, it is **B24BA5**.

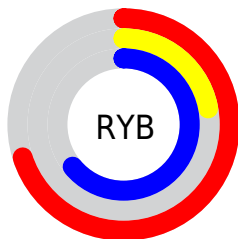
Distribution



Red (70%)

Green (22%)

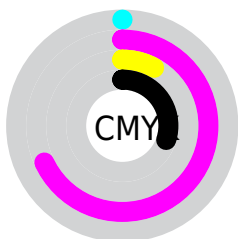
Blue (64%)



Red (70%)

Yellow (22%)

Blue (64%)

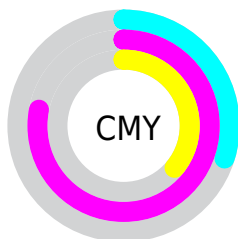


Cyan (0%)

Magenta (68%)

Yellow (8%)

Black (30%)



Cyan (30%)

Magenta (78%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B239A3 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 B239A3 by changing the saturation by 10% instead.

 B239A3

 B239A3

FFFFFF

 961788

 EC72DA

 7A006F

 FF8DF7

 5E0056

 FFAAFF

 44003E

 FFC6FF

 2B0028

 FFE3FF

 000111

 000000

 B239A3

 B239A3

 B227A1

 B24BA5

 B2159F

 B25DA7

 B2049C

 B26EAA

 B2009C

 B280AC

 B292AE

 B2A4B0

 B2B6B2

 B2C7B5

 B2D9B7

Harmonies

Analogous

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



6B5BCF



B239A3



CD1E6B

Triad

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



B239A3



806B00



0084A8

Complementary

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



B239A3



39B248

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.



00846F



B239A3



457A00

Square

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



B239A3



AC5300



008132



0080D2

Rectangle

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



B239A3



CE2945



008132



008596

Sweetspot

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



B239A3



E8BAE2



4739B2



755972



F5F5F5



757575

Same Dimension

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



B239A3



E82AD0



B23967



595058



990086



1A0016

Inverse Universe

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



B239A3



E82AD0



39B284



595058



990086



1A0016

Previews

White Background



This preview shows how the Hex color B239A3 looks on a white background.

Color Contrast Check

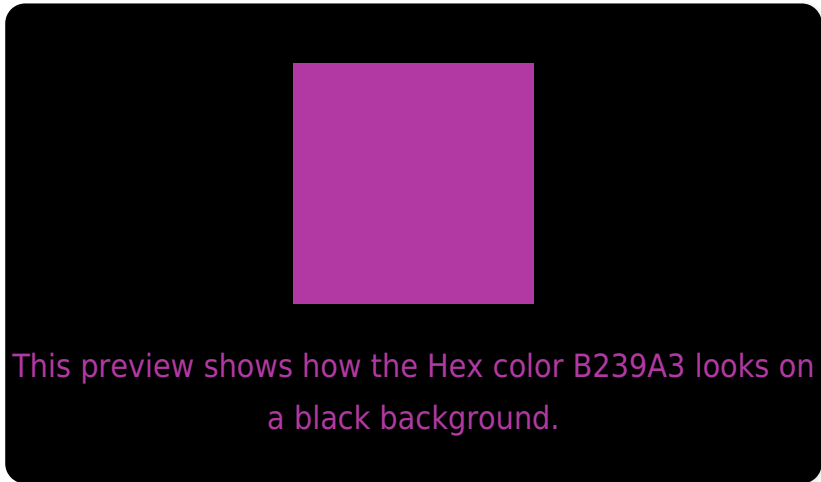
Large Text (above 18pt) WCAG AA ✓ Pass

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 B239A3 Background



This preview shows how black text looks on a background with the Hex color B239A3.

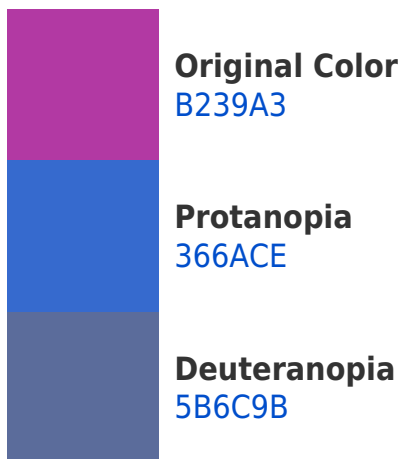


This preview shows how white text looks on a background with the Hex color B239A3.

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
B239A3



Protanomaly
6358BE



Deuteranomaly
7B599E



Tritanomaly
AD4872

Monochromacy



Original Color
B239A3



Achromatopsia
696969



Achromatomaly
84587E

CSS Examples

Text

The CSS property to change the color of the text to Hex B239A3 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 #B239A3 looks like.

```
.text, #text, p{  
    color:#B239A3  
}
```

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 #B239A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B239A3
}
```

Border

The CSS property to change the border of an element to Hex B239A3 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".

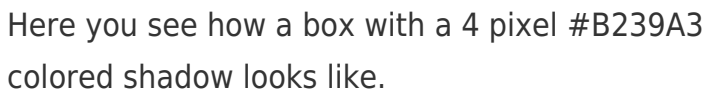
```
.border, #border, table{ border:4px solid
#B239A3 }
```

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

```
.border{ border-color:#B239A3 }
```

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

Here you see how a box with a 4 pixel #B239A3 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B239A3; -webkit-box-shadow:4px 4px  
4px 4px #B239A3; box-shadow:4px 4px 4px  
4px #B239A3 }
```

Background

The CSS property to change the background color of an element to Hex B239A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B239A3 }
```

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

```
.background{ background-color:#B239A3 }
```

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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