

# Converting Colors

Hex(B43A7A)

Have a look what the booklet for  
Hex(B43A7A) contains.

<b>Hex(B43A7A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(B43A7A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B43A7A</a>
RGB	<a href="#">180, 58, 122</a>
RGB Percent	<a href="#">71%, 23%, 48%</a>
CMY	<a href="#">0.2941, 0.7725, 0.5216</a>
CMYK	<a href="#">0.00, 0.68, 0.32, 0.29</a>
HSL	<a href="#">329°, 51%, 47%</a>
HSV	<a href="#">329°, 68%, 71%</a>
XYZ	<a href="#">23.8483, 14.1346, 19.8837</a>
YIQ	<a href="#">101.7740, 52.1680, 45.7680</a>

# Conversions

## Conversions Part 2

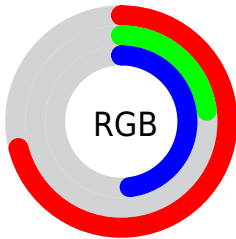
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 58, 122
Decimal	11811450
CIE <sub>Lab</sub>	44.43, 54.91, -9.29
CIE <sub>LCh</sub>	44, 55.688, 350.400
Yxy	14.1346, 0.4121, 0.2443
Android (android.graphics.Color)	4290001530 (0xFFB43A7A)
YUV	101.7740, 9.9714, 68.6042
Hunter-Lab	37.5959, 47.4353, -5.0400

# Details

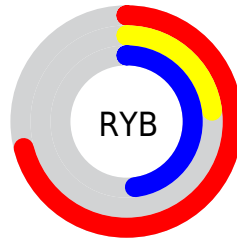
The Hex color **B43A7A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3AB474**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **EF71AE**, and **7B0049** is the 20% darker color. If you saturate the color by 10%, you get **B42871**, and if you desaturate by 10%, it is **B44C83**.

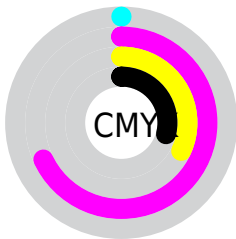
# Distribution



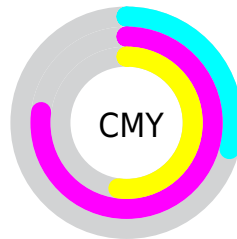
- Red (71%)
- Green (23%)
- Blue (48%)



- Red (71%)
- Yellow (23%)
- Blue (48%)



- Cyan (0%)
- Magenta (68%)
- Yellow (32%)
- Black (29%)



- Cyan (29%)
- Magenta (77%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B43A7A 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 B43A7A by changing the saturation by 10% instead.



 B43A7A

 B43A7A

FFFFFF

 971A61

 EF71AE

 7B0049

 FF8DCA

 5F0033

 FFA9E6

 44001E

 FFC5FF


 2B0001

 FFE2FF

 000000

 B43A7A

 B43A7A

 B42871

 B44C83

 B41669

 B45E8B

 B40460

 B47094

 B4005E

 B4829C

 B494A5

 B4A6AD

 B4B8B6

 B4CABE

 B4DCC7

# Harmonies

## Analogous

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



924DA5



B43A7A



BB3B4C

# Triad

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



B43A7A



617000



007BB0

# Complementary

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



B43A7A



3AB474

# 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.



007E88



B43A7A



207929

# Square

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



B43A7A



8B6200



007D58



0073C5

# Rectangle

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



B43A7A



B2472F



007D58



007DA4



# Sweetspot

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



B43A7A



EBBCD4



733AB4



755968



F5F5F5



757575



# Same Dimension

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



B43A7A



EB2D90



B43A3E



595055



990050



1A000D



# Inverse Universe

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



B43A7A



EB2D90



3AB4B0



595055



990050



1A000D



# Previews

## White Background



This preview shows how the Hex color B43A7A looks on a white background.

## Color Contrast Check

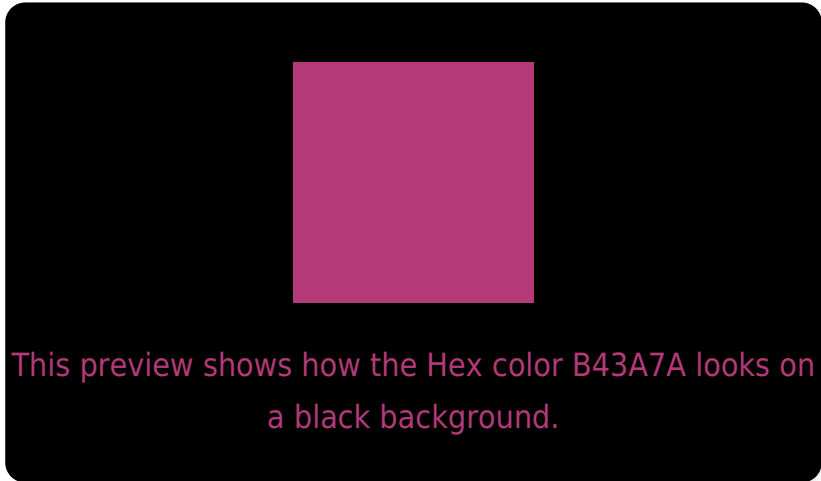
Large Text (above 18pt) WCAG AA ✓ Pass

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 B43A7A Background



This preview shows how black text looks on a background with the Hex color B43A7A.

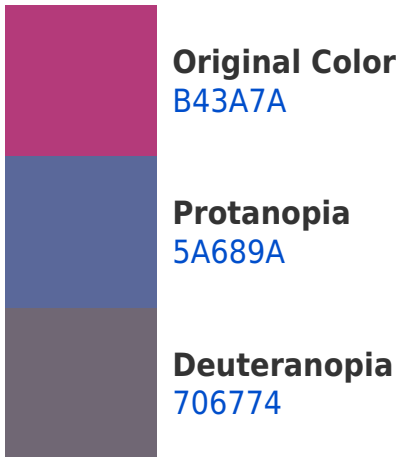



This preview shows how white text looks on a background with the Hex color B43A7A.

# 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**  
B0464A

# Trichromacy



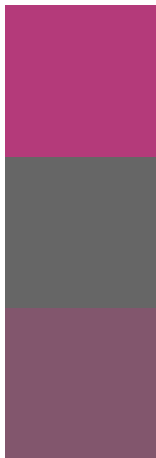
**Original Color**  
B43A7A

**Protanomaly**  
7B578E

**Deuteranomaly**  
895776

**Tritanomaly**  
B1425B

# Monochromacy



**Original Color**  
B43A7A

**Achromatopsia**  
666666

**Achromatomaly**  
82566D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B43A7A 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 #B43A7A looks like.

```
.text, #text, p{  
    color:#B43A7A  
}
```

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 #B43A7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B43A7A }  
}
```

## Border

The CSS property to change the border of an element to Hex B43A7A 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 #B43A7A }  
}
```

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

```
.border{ border-color:#B43A7A }
```

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

Here you see how a box with a 4 pixel #B43A7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B43A7A; -webkit-box-shadow:4px 4px  
4px 4px #B43A7A; box-shadow:4px 4px 4px  
4px #B43A7A }
```

# Background

The CSS property to change the background color of an element to Hex B43A7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B43A7A }
```

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

```
.background{ background-color:#B43A7A }
```

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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