

# Converting Colors

Hex(B255A3)

Have a look what the booklet for  
Hex(B255A3) contains.

<b>Hex(B255A3)</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(B255A3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B255A3</a>
RGB	<a href="#">178, 85, 163</a>
RGB Percent	<a href="#">70%, 33%, 64%</a>
CMY	<a href="#">0.3020, 0.6667, 0.3608</a>
<a href="#">CMYK</a>	<a href="#">0.00, 0.52, 0.08, 0.30</a>
HSL	<a href="#">310°, 38%, 52%</a>
HSV	<a href="#">310°, 52%, 70%</a>
XYZ	<a href="#">28.2195, 18.6063, 36.7544</a>
YIQ	<a href="#">121.6990, 30.3900, 43.9740</a>

# Conversions

## Conversions Part 2

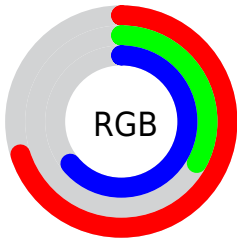
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 85, 163
Decimal	11687331
CIE <sub>Lab</sub>	50.22, 48.11, -25.08
CIE <sub>LCh</sub>	50, 54.257, 332.471
Yxy	18.6063, 0.3376, 0.2226
Android (android.graphics.Color)	4289877411 (0xFFB255A3)
YUV	121.6990, 20.3614, 49.3760
Hunter-Lab	43.1350, 41.2905, -20.3251

# Details

The Hex color **B255A3** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **55B264**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **EC8ADA**, and **7B1F6F** is the 20% darker color. If you saturate the color by 10%, you get **B243A0**, and if you desaturate by 10%, it is **B267A6**.

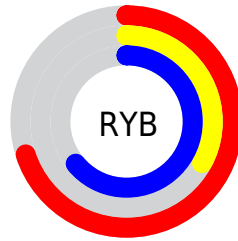
# Distribution



Red (70%)

Green (33%)

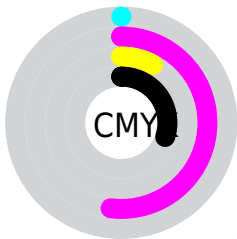
Blue (64%)



Red (70%)

Yellow (33%)

Blue (64%)

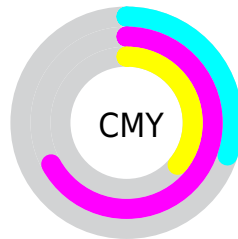


Cyan (0%)

Magenta (52%)

Yellow (8%)

Black (30%)



Cyan (30%)

Magenta (67%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B255A3 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 B255A3 by changing the saturation by 10% instead.



 B255A3

 B255A3

FFFFFF

 963B89

 EC8ADA

 7B1F6F

 FFA6F7

 600056

 FFC2FF

 46003F

 FFDEFF

 300029

 FFFBFF

 060012

 000000

 B255A3

 B255A3

 B243A0

 B267A6

 B2319D

 B279A9

 B2209A

 B28AAC

 B20E98

 B29CAE

 B20095

 B2AEB1

 B2C0B4

 B2D2B7

 B2E3BA

 B2F5BD

# Harmonies

## Analogous

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



7D6AC6



B255A3



C94A76

# Triad

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



B255A3



8B7709



008CA8

# Complementary

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



B255A3



55B264

# 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.



008D7A



B255A3



5C8321

# Square

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



B255A3



B06522



008A4B



0087C9

# Rectangle

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



B255A3



CA4E57



008A4B



008D9A



# Sweetspot

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



B255A3



E8C3E2



6355B2



755F72



F5F5F5



757575



# Same Dimension

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



B255A3



E856D0



B25576



595058



990080



1A0015



# Inverse Universe

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



B255A3



E856D0



55B291



595058



990080



1A0015



# Previews

## White Background



This preview shows how the Hex color B255A3 looks on a white background.

## Color Contrast Check

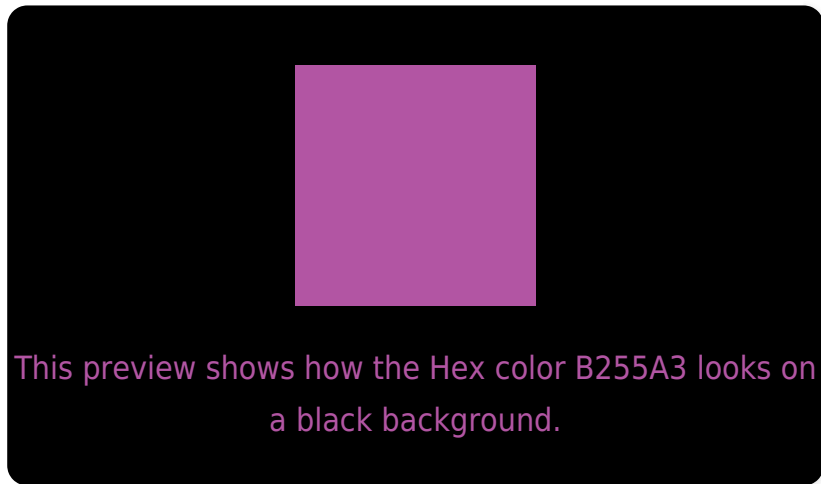
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

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



## Hex B255A3 Background



This preview shows how black text looks on a background with the Hex color B255A3.

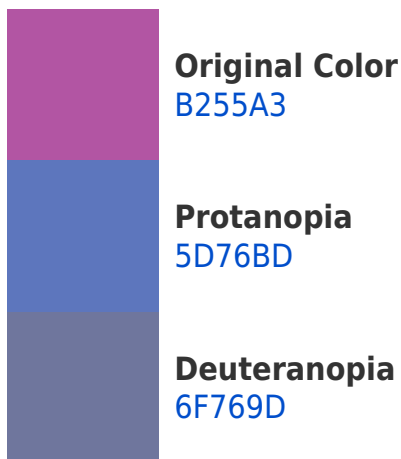



This preview shows how white text looks on a background with the Hex color B255A3.

# 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**  
AC636A

# Trichromacy



**Original Color**  
B255A3



**Protanomaly**  
7C6AB4



**Deuteranomaly**  
876A9F

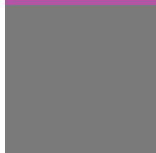


**Tritanomaly**  
AE5E7F

# Monochromacy



**Original Color**  
B255A3



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
8E6D89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B255A3 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 #B255A3 looks like.

```
.text, #text, p{  
    color:#B255A3  
}
```

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 #B255A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B255A3
}
```

## Border

The CSS property to change the border of an element to Hex B255A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

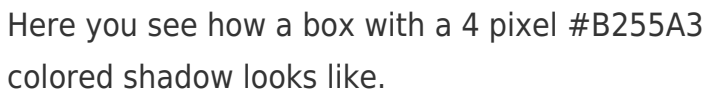
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B255A3 }
```

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

```
.border{ border-color:#B255A3 }
```

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



Here you see how a box with a 4 pixel #B255A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B255A3; -webkit-box-shadow:4px 4px  
4px 4px #B255A3; box-shadow:4px 4px 4px  
4px #B255A3 }
```

# Background

The CSS property to change the background color of an element to Hex B255A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B255A3 }
```

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

```
.background{ background-color:#B255A3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor