

# Converting Colors

Hex(B553AE)

Have a look what the booklet for  
Hex(B553AE) contains.

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# Color

**Hex(B553AE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B553AE
RGB	181, 83, 174
RGB Percent	71%, 33%, 68%
CMY	0.2902, 0.6745, 0.3176
CMYK	0.00, 0.54, 0.04, 0.29
HSL	304°, 40%, 52%
HSV	304°, 54%, 71%
XYZ	29.7893, 19.0663, 42.1545
YIQ	122.6760, 29.1970, 49.0770

# Conversions

## Conversions Part 2

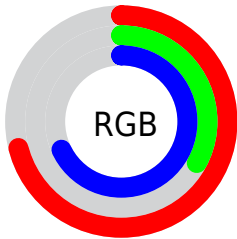
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">181, 83, 174</a>
Decimal	<a href="#">11883438</a>
CIELab	<a href="#">50.76, 51.85, -30.66</a>
CIElCh	<a href="#">51, 60.238, 329.410</a>
Yxy	<a href="#">19.0663, 0.3273, 0.2095</a>
Android (android.graphics.Color)	<a href="#">4290073518</a> ( <a href="#">0xFFB553AE</a> )
YUV	<a href="#">122.6760, 25.3027, 51.1501</a>
Hunter-Lab	<a href="#">43.6649, 45.3635, -26.6736</a>

# Details

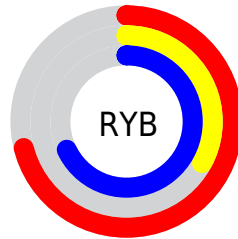
The Hex color **B553AE** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **53B55A**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **EF89E6**, and **7D1B79** is the 20% darker color. If you saturate the color by 10%, you get **B541AD**, and if you desaturate by 10%, it is **B565AF**.

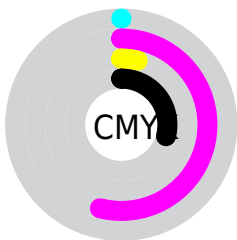
# Distribution



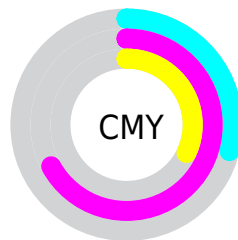
- Red (71%)
- Green (33%)
- Blue (68%)



- Red (71%)
- Yellow (33%)
- Blue (68%)



- Cyan (0%)
- Magenta (54%)
- Yellow (4%)
- Black (29%)



- Cyan (29%)
- Magenta (67%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B553AE 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 B553AE by changing the saturation by 10% instead.



 B553AE

 B553AE

FFFFFF

 993893

 EF89E6

 7D1B79

 FFA4FF

 630060

 FFC0FF

 480048

 FFDDFF

 320031

 FFFAFF

 0E001B

 000000

 B553AE

 B553AE

 B541AD

 B565AF

 B52FAB

 B577B1

 B51DAA

 B589B2

 B50BA9

 B59BB3

 B500A8

 B5AEB4

 B5C0B6

 B5D2B7

 B5E4B8

 B5F6BA

# Harmonies

## Analogous

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



746CD3



B553AE



D1437C

# Triad

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



B553AE



927600



0090AA

# Complementary

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



B553AE



53B55A

# 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.



009076



B553AE



5F840C

# Square

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



B553AE



B9621B



008D41



008BD1

# Rectangle

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



B553AE



D4465A



008D41



00909A



# Sweetspot

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



B553AE



EBC5E8



5A53B5



755F74



F5F5F5



757575



# Same Dimension

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



B553AE



EB52E0



B5537D



595059



99008E



1A0018



# Inverse Universe

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



B553AE



EB52E0



53B58B



595059



99008E



1A0018



# Previews

## White Background



This preview shows how the Hex color B553AE looks on a white background.

## Color Contrast Check

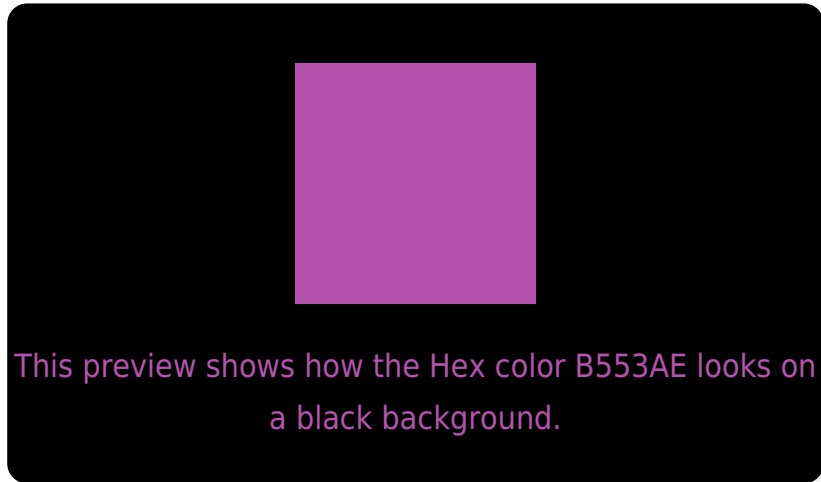
Large Text (above 18pt) WCAG AA ✓ Pass

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

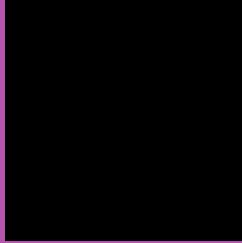
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B553AE Background



This preview shows how black text looks on a background with the Hex color B553AE.

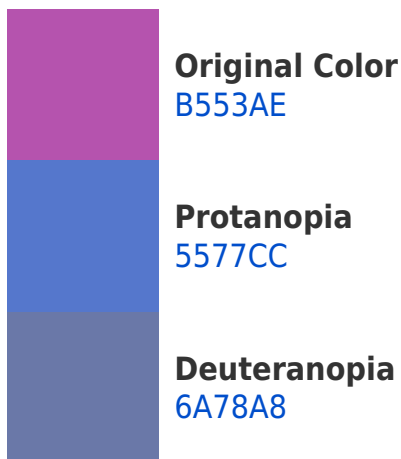


This preview shows how white text looks on a background with the Hex color B553AE.

# 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](#).

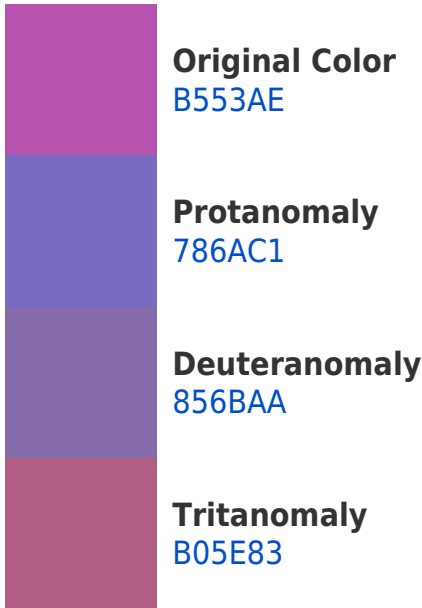
## Dichromacy



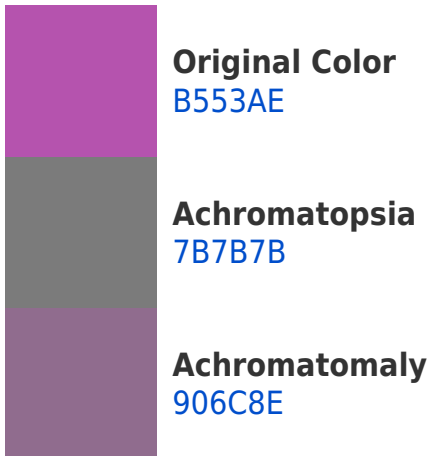


**Tritanopia**  
AD646B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B553AE 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 #B553AE looks like.

```
.text, #text, p{  
    color:#B553AE  
}
```

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 #B553AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B553AE
}
```

## Border

The CSS property to change the border of an element to Hex B553AE is called "border". The border property can be set on classes, ids or directly on the HTML element.

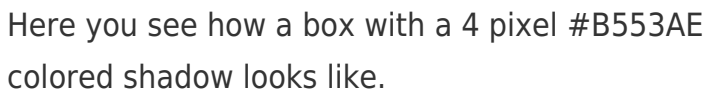
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B553AE }
```

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

```
.border{ border-color:#B553AE }
```

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



Here you see how a box with a 4 pixel #B553AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B553AE; -webkit-box-shadow:4px 4px  
4px 4px #B553AE; box-shadow:4px 4px 4px  
4px #B553AE }
```

# Background

The CSS property to change the background color of an element to Hex B553AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B553AE }
```

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

```
.background{ background-color:#B553AE }
```

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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