

# Converting Colors

Hex(B56BA3)

Have a look what the booklet for  
Hex(B56BA3) contains.

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# Color

Hex(**B56BA3**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B56BA3
RGB	181, 107, 163
RGB Percent	71%, 42%, 64%
CMY	0.2902, 0.5804, 0.3608
CMYK	0.00, 0.41, 0.10, 0.29
HSL	315°, 33%, 56%
HSV	315°, 41%, 71%
XYZ	30.9246, 22.9835, 37.4567
YIQ	135.5100, 26.1280, 33.1040

# Conversions

## Conversions Part 2

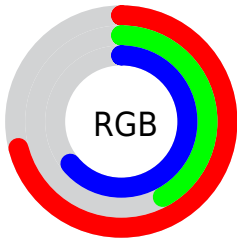
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 107, 163
Decimal	11889571
CIE <sub>Lab</sub>	55.06, 37.62, -17.63
CIE <sub>LCh</sub>	55, 41.547, 334.894
Yxy	22.9835, 0.3385, 0.2516
Android (android.graphics.Color)	4290079651 (0xFFB56BA3)
YUV	135.5100, 13.5526, 39.8947
Hunter-Lab	47.9411, 31.2453, -12.7649

# Details

The Hex color **B56BA3** is a light color, and the websafe version is hex **996699**. A complement of this color would be **6BB57D**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **EEA0DA**, and **7F396F** is the 20% darker color. If you saturate the color by 10%, you get **B5599F**, and if you desaturate by 10%, it is **B57DA7**.

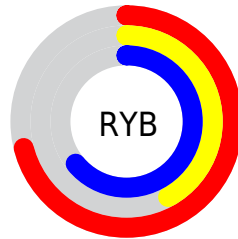
# Distribution



Red (71%)

Green (42%)

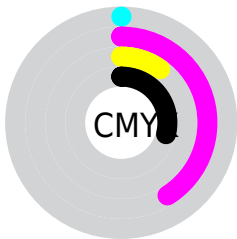
Blue (64%)



Red (71%)

Yellow (42%)

Blue (64%)

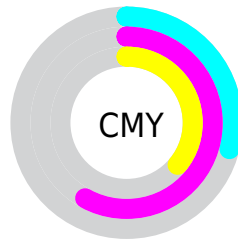


Cyan (0%)

Magenta (41%)

Yellow (10%)

Black (29%)



Cyan (29%)

Magenta (58%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B56BA3 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 B56BA3 by changing the saturation by 10% instead.



 B56BA3

 B56BA3

FFFFFF

 995289

 EEA0DA

 7F396F

 FFBBF7

 642057

 FFD8FF

 4B033F

 FFF4FF

 330029

 190014

 000000

 B56BA3

 B56BA3

 B5599F

 B57DA7

 B5479A

 B58FAC

 B53596

 B5A1B0

 B52391

 B5B3B5

 B5118D

 B5C6B9

 B50089

 B5D8BD

 B5EAC2

 B5FCC6

 B5FFCB

# Harmonies

## Analogous

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



8E78BF



B56BA3



C7657F

# Triad

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



B56BA3



94843A



0095AC

# Complementary

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



B56BA3



6BB57D

# 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.



009689



B56BA3



6E8E47

# Square

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



B56BA3



B27743



3D9464



0090C4

# Rectangle

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



B56BA3



C76867



3D9464



0096A1



# Sweetspot

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



B56BA3



EBCEE4



7C6BB5



756571



F5F5F5



757575



# Same Dimension

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



B56BA3



EB78CF



B56B7F



595057



990074



1A0013



# Inverse Universe

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



B56BA3



EB78CF



6BB5A1



595057



990074

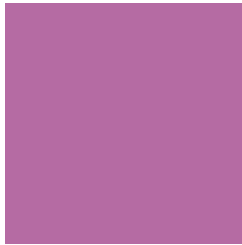


1A0013



# Previews

## White Background



This preview shows how the Hex color B56BA3 looks on a white background.

## Color Contrast Check

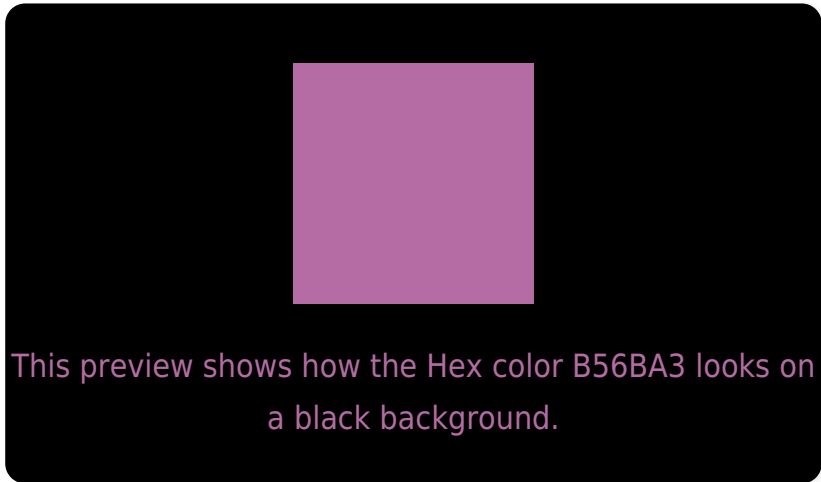
Large Text (above 18pt) WCAG AA ✓ Pass

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

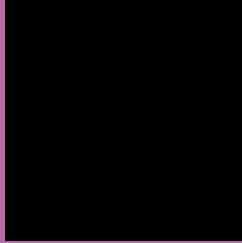
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B56BA3 Background



This preview shows how black text looks on a background with the Hex color B56BA3.

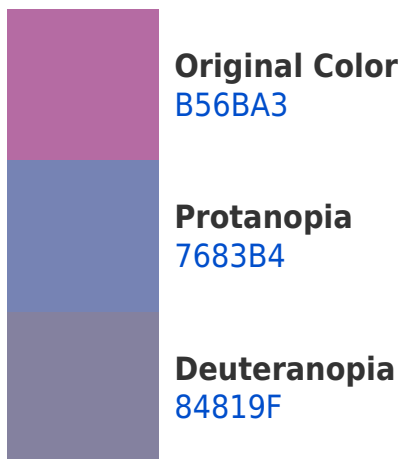



This preview shows how white text looks on a background with the Hex color B56BA3.

# 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](#).

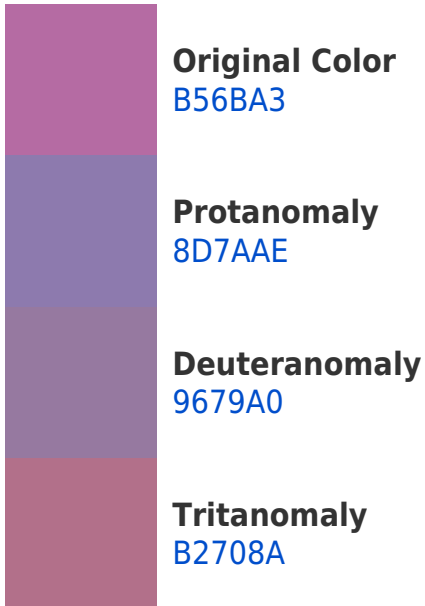
## Dichromacy



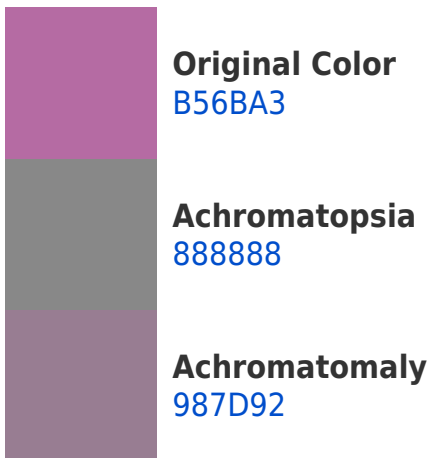


**Tritanopia**  
B0737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B56BA3 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 #B56BA3 looks like.

```
.text, #text, p{  
    color:#B56BA3  
}
```

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 #B56BA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B56BA3
}
```

## Border

The CSS property to change the border of an element to Hex B56BA3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

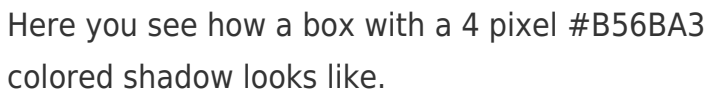
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B56BA3 }
```

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

```
.border{ border-color:#B56BA3 }
```

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



Here you see how a box with a 4 pixel #B56BA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B56BA3; -webkit-box-shadow:4px 4px  
4px 4px #B56BA3; box-shadow:4px 4px 4px  
4px #B56BA3 }
```

# Background

The CSS property to change the background color of an element to Hex B56BA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B56BA3 }
```

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

```
.background{ background-color:#B56BA3 }
```

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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