

# Converting Colors

Hex(B56CA7)

Have a look what the booklet for  
Hex(B56CA7) contains.

<b>Hex(B56CA7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(B56CA7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B56CA7
RGB	181, 108, 167
RGB Percent	71%, 42%, 65%
CMY	0.2902, 0.5765, 0.3451
CMYK	0.00, 0.40, 0.08, 0.29
HSL	312°, 33%, 57%
HSV	312°, 40%, 71%
XYZ	31.3937, 23.3389, 39.4094
YIQ	136.5530, 24.5690, 33.8250

# Conversions

## Conversions Part 2

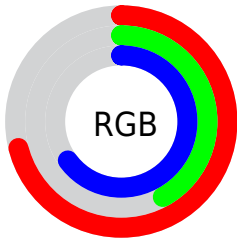
Format	Color
<a href="#">RYB</a>	<a href="#">181, 108, 167</a>
Decimal	<a href="#">11889831</a>
CIELab	<a href="#">55.42, 37.78, -19.39</a>
CIELCh	<a href="#">55, 42.468, 332.828</a>
Yxy	<a href="#">23.3389, 0.3335, 0.2479</a>
Android (android.graphics.Color)	<a href="#">4290079911 (0xFFB56CA7)</a>
YUV	<a href="#">136.5530, 15.0104, 38.9800</a>
Hunter-Lab	<a href="#">48.3104, 31.4521, -14.5489</a>

# Details

The Hex color **B56CA7** is a light color, and the websafe version is hex **996699**. A complement of this color would be **6CB57A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **EEA1DE**, and **7F3A73** is the 20% darker color. If you saturate the color by 10%, you get **B55AA4**, and if you desaturate by 10%, it is **B57EAA**.

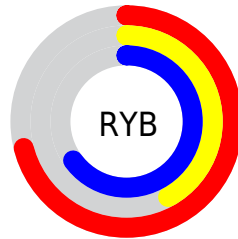
# Distribution



Red (71%)

Green (42%)

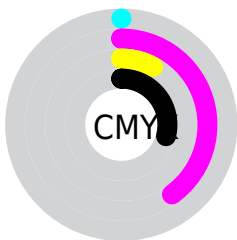
Blue (65%)



Red (71%)

Yellow (42%)

Blue (65%)

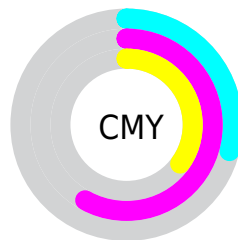


Cyan (0%)

Magenta (40%)

Yellow (8%)

Black (29%)



Cyan (29%)

Magenta (58%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B56CA7 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 B56CA7 by changing the saturation by 10% instead.



 B56CA7

 B56CA7

FFFFFF

 99538D

 EEA1DE

 7F3A73

 FFBCFB

 64215A

 FFD9FF

 4B0443

 FFF5FF

 33002C

 1A0017

 000000

 B56CA7

 B56CA7

 B55AA4

 B57EAA

 B548A0

 B590AE

 B5369D

 B5A2B1

 B52499

 B5B4B5

 B51196

 B5C7B8

 B50092

 B5D9BC

 B5EBBF

 B5FDC3

 B5FFC6

# Harmonies

## Analogous

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



8C7AC3



B56CA7



C86583

# Triad

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



B56CA7



978438



0096AC

# Complementary

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



B56CA7



6CB57A

# 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.



009787



B56CA7



718E44

# Square

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



B56CA7



B57743



409562



0091C6

# Rectangle

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



B56CA7



CA676A



409562



0097A0



# Sweetspot

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



B56CA7



EBCEE5



796CB5



756572



F5F5F5



757575



# Same Dimension

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



B56CA7



EB7AD5



B56C83



595058



99007C



1A0015



# Inverse Universe

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



B56CA7



EB7AD5



6CB59E



595058



99007C

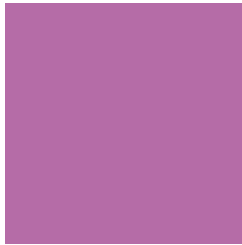


1A0015



# Previews

## White Background



This preview shows how the Hex color B56CA7 looks on a white background.

## Color Contrast Check

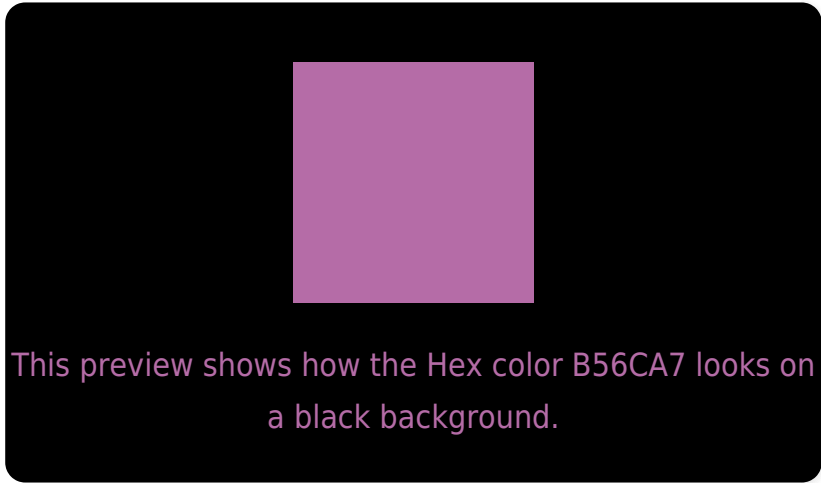
Large Text (above 18pt) WCAG AA ✓ Pass

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

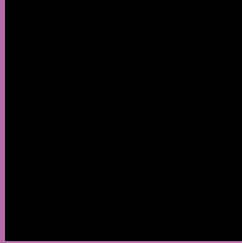
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B56CA7 Background



This preview shows how black text looks on a background with the Hex color B56CA7.

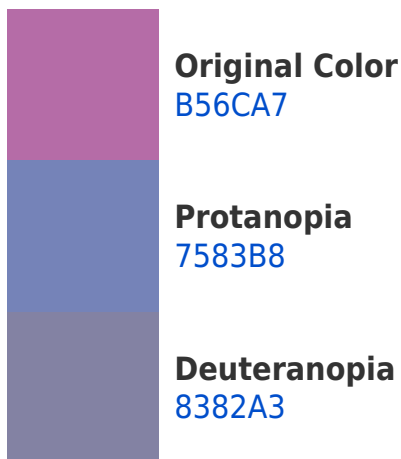


This preview shows how white text looks on a background with the Hex color B56CA7.

# 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**  
B0757D

# Trichromacy



**Original Color**  
B56CA7



**Protanomaly**  
8C7BB2



**Deuteranomaly**  
957AA4



**Tritanomaly**  
B2728C

# Monochromacy



**Original Color**  
B56CA7



**Achromatopsia**  
898989



**Achromatomaly**  
997E94

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B56CA7 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 #B56CA7 looks like.

```
.text, #text, p{  
    color:#B56CA7  
}
```

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 #B56CA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B56CA7
}
```

## Border

The CSS property to change the border of an element to Hex B56CA7 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
#B56CA7 }
```

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

```
.border{ border-color:#B56CA7 }
```

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

Here you see how a box with a 4 pixel #B56CA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B56CA7; -webkit-box-shadow:4px 4px  
4px 4px #B56CA7; box-shadow:4px 4px 4px  
4px #B56CA7 }
```

# Background

The CSS property to change the background color of an element to Hex B56CA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B56CA7 }
```

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

```
.background{ background-color:#B56CA7 }
```

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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