

# Converting Colors

Hex(B56C97)

Have a look what the booklet for  
Hex(B56C97) contains.

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# Color

Hex(B56C97)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B56C97
RGB	181, 108, 151
RGB Percent	71%, 42%, 59%
CMY	0.2902, 0.5765, 0.4078
CMYK	0.00, 0.40, 0.17, 0.29
HSL	325°, 33%, 57%
HSV	325°, 40%, 71%
XYZ	30.0045, 22.7832, 32.0944
YIQ	134.7290, 29.7050, 28.8490

# Conversions

## Conversions Part 2

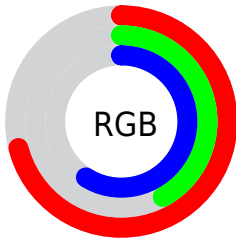
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 108, 151
Decimal	11889815
CIE <sub>Lab</sub>	54.85, 35.07, -10.95
CIE <sub>LCh</sub>	55, 36.739, 342.659
Yxy	22.7832, 0.3535, 0.2684
Android (android.graphics.Color)	4290079895 (0xFFB56C97)
YUV	134.7290, 8.0216, 40.5797
Hunter-Lab	47.7318, 28.6757, -6.4537

# Details

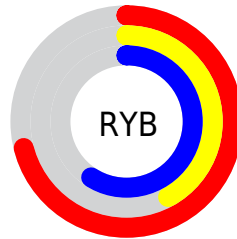
The Hex color **B56C97** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6CB58A**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **EEA1CD**, and **7E3A64** is the 20% darker color. If you saturate the color by 10%, you get **B55A90**, and if you desaturate by 10%, it is **B57E9E**.

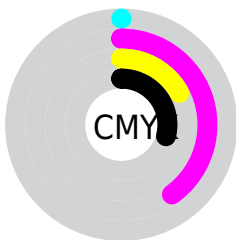
# Distribution



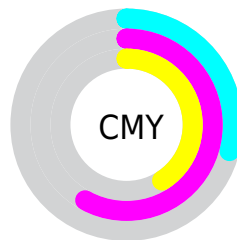
- Red (71%)
- Green (42%)
- Blue (59%)



- Red (71%)
- Yellow (42%)
- Blue (59%)



- Cyan (0%)
- Magenta (40%)
- Yellow (17%)
- Black (29%)



- Cyan (29%)
- Magenta (58%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B56C97 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 B56C97 by changing the saturation by 10% instead.



 B56C97

 B56C97

FFFFFF

 99537D

 EEA1CD

 7E3A64

 FFBC99

 64224C

 FFD8FF

 4B0635

 FFF5FF

 330020

 190006

 000000

 B56C97

 B56C97

 B55A90

 B57E9E

 B54888

 B590A6

 B53681

 B5A2AD

 B52479

 B5B4B5

 B51172

 B5C7BC

 B5006B

 B5D9C4

 B5EBCB

 B5FDD3

 B5FFDA

# Harmonies

## Analogous

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



9876B2



B56C97



C06A77

# Triad

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



B56C97



8A8644



0092AD

# Complementary

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



B56C97



6CB58A

# 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.



009490



B56C97



678E53

# Square

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



B56C97



A77B46



3B936F



218CBF

# Rectangle

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



B56C97



BE6D63



3B936F



0093A5



# Sweetspot

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



B56C97



EBCEDF



896CB5



75656F



F5F5F5



757575



# Same Dimension

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



B56C97



EB7ABC



B56C73



595056



99005A



1A000F



# Inverse Universe

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



B56C97



EB7ABC



6CB5AE



595056



99005A

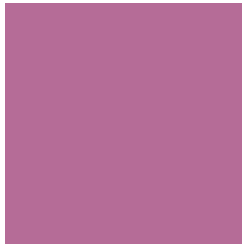


1A000F



# Previews

## White Background



This preview shows how the Hex color B56C97 looks on a white background.

## Color Contrast Check

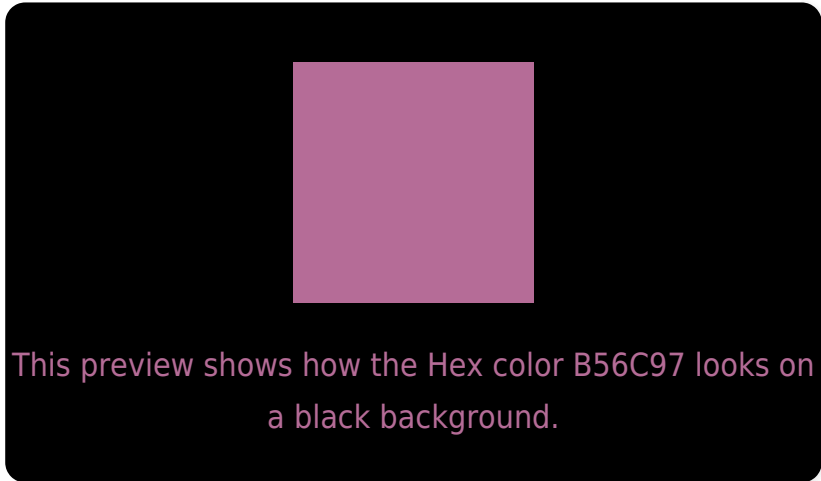
Large Text (above 18pt) WCAG AA ✓ Pass

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

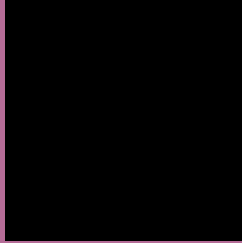
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B56C97 Background



This preview shows how black text looks on a background with the Hex color B56C97.



This preview shows how white text looks on a background with the Hex color B56C97.

# 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



**Original Color**  
B56C97

**Protanopia**  
7B82A6

**Deuteranopia**  
898093



**Tritanopia**  
B2727A

# Trichromacy



**Original Color**  
B56C97

**Protanomaly**  
907AA1

**Deuteranomaly**  
997994

**Tritanomaly**  
B37085

# Monochromacy



**Original Color**  
B56C97

**Achromatopsia**  
878787

**Achromatomaly**  
987D8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B56C97 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 #B56C97 looks like.

```
.text, #text, p{  
    color:#B56C97  
}
```

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 #B56C97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B56C97
}
```

## Border

The CSS property to change the border of an element to Hex B56C97 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
#B56C97 }
```

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

```
.border{ border-color:#B56C97 }
```

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

Here you see how a box with a 4 pixel #B56C97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B56C97; -webkit-box-shadow:4px 4px  
4px 4px #B56C97; box-shadow:4px 4px 4px  
4px #B56C97 }
```

# Background

The CSS property to change the background color of an element to Hex B56C97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B56C97 }
```

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

```
.background{ background-color:#B56C97 }
```

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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