

# Converting Colors

Hex(B56991)

Have a look what the booklet for  
Hex(B56991) contains.

<b>Hex(B56991)</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(B56991)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B56991
RGB	181, 105, 145
RGB Percent	71%, 41%, 57%
CMY	0.2902, 0.5882, 0.4314
CMYK	0.00, 0.42, 0.20, 0.29
HSL	328°, 34%, 56%
HSV	328°, 42%, 71%
XYZ	29.2185, 21.9712, 29.4890
YIQ	132.2840, 32.4560, 28.5520

# Conversions

## Conversions Part 2

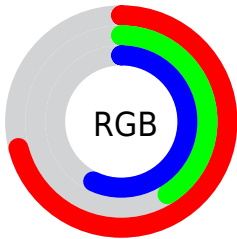
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">181, 105, 145</a>
Decimal	<a href="#">11889041</a>
CIELab	<a href="#">54.00, 35.74, -8.72</a>
CIELCh	<a href="#">54, 36.788, 346.297</a>
Yxy	<a href="#">21.9712, 0.3622, 0.2723</a>
Android (android.graphics.Color)	<a href="#">4290079121 (0xFFB56991)</a>
YUV	<a href="#">132.2840, 6.2690, 42.7239</a>
Hunter-Lab	<a href="#">46.8735, 29.2389, -4.4890</a>

# Details

The Hex color **B56991** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **69B58D**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **EE9EC7**, and **7E375F** is the 20% darker color. If you saturate the color by 10%, you get **B55788**, and if you desaturate by 10%, it is **B57B9A**.

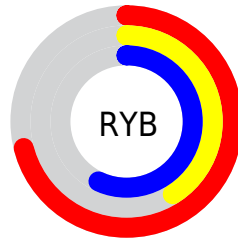
# Distribution



Red (71%)

Green (41%)

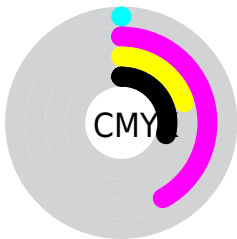
Blue (57%)



Red (71%)

Yellow (41%)

Blue (57%)

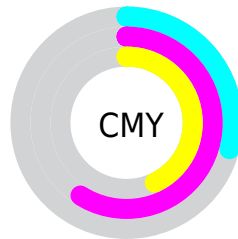


Cyan (0%)

Magenta (42%)

Yellow (20%)

Black (29%)



Cyan (29%)

Magenta (59%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B56991 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 B56991 by changing the saturation by 10% instead.



 B56991

 B56991

FFFFFF

 995077

 EE9EC7

 7E375F

 FFB9E3

 641E47

 FFD5FF

 4A0230

 FFF2FF

 32001C

 160000

 000000

 B56991

 B56991

 B55788

 B57B9A

 B54580

 B58DA2

 B53377

 B59FAB

 B5216F

 B5B1B3

 B50F66

 B5C4BC

 B5005F

 B5D6C4

 B5E8CD

 B5FAD6

 B5FFDE

# Harmonies

## Analogous

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



9A72AD



B56991



BE6871

# Triad

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



B56991



848542



008FAE

# Complementary

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



B56991



69B58D

# 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.



009292



B56991



608C54

# Square

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



B56991



A17A43



319171



2989BE

# Rectangle

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



B56991



BA6C5D



319171



0090A6



# Sweetspot

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



B56991



EBCCDC



8C69B5



75636C



F5F5F5



757575



# Same Dimension

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



B56991



EB75B3



B5696C



595055



990051



1A000D



# Inverse Universe

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



B56991



EB75B3



69B5B2



595055



990051

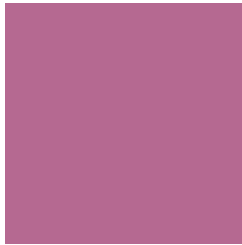


1A000D



# Previews

## White Background



This preview shows how the Hex color B56991 looks on a white background.

## Color Contrast Check

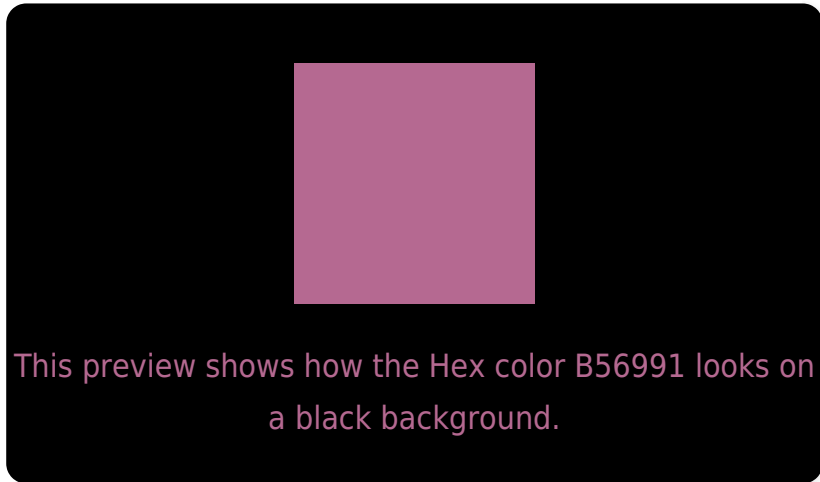
Large Text (above 18pt) WCAG AA ✓ Pass

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

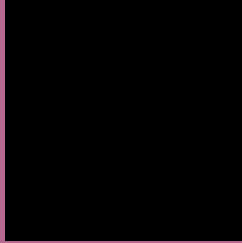
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B56991 Background



This preview shows how black text looks on a background with the Hex color B56991.



This preview shows how white text looks on a background with the Hex color B56991.

# 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](#).

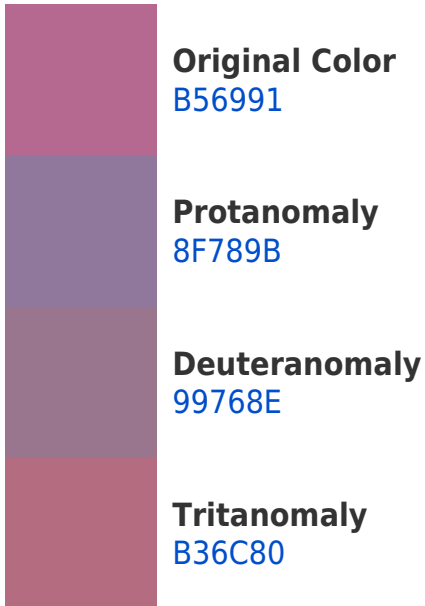
## Dichromacy



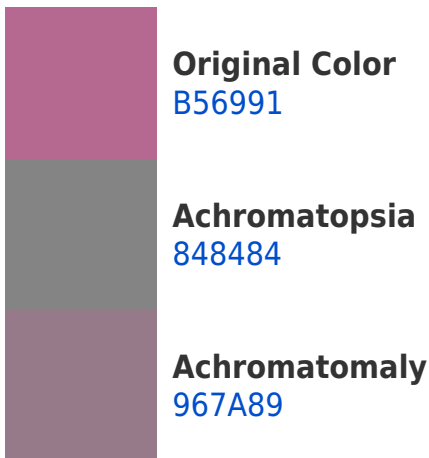


**Tritanopia**  
B26E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B56991 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 #B56991 looks like.

```
.text, #text, p{  
    color:#B56991  
}
```

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 #B56991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B56991
}
```

## Border

The CSS property to change the border of an element to Hex B56991 is called "border". The border property can be set on classes, ids or directly on the HTML element.

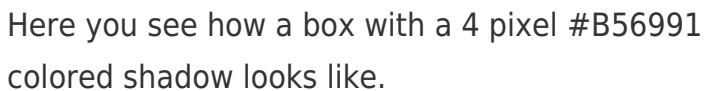
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B56991 }
```

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

```
.border{ border-color:#B56991 }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border. The shadow is a darker purple, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #B56991 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B56991; -webkit-box-shadow:4px 4px  
4px 4px #B56991; box-shadow:4px 4px 4px  
4px #B56991 }
```

# Background

The CSS property to change the background color of an element to Hex B56991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B56991 }
```

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

```
.background{ background-color:#B56991 }
```

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