

# Converting Colors

Hex(B56877)

Have a look what the booklet for  
Hex(B56877) contains.

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**Color**

**Hex(B56877)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B56877</a>
RGB	<a href="#">181, 104, 119</a>
RGB Percent	<a href="#">71%, 41%, 47%</a>
CMY	<a href="#">0.2902, 0.5922, 0.5333</a>
CMYK	<a href="#">0.00, 0.43, 0.34, 0.29</a>
HSL	<a href="#">348°, 34%, 56%</a>
HSV	<a href="#">348°, 43%, 71%</a>
XYZ	<a href="#">27.3361, 21.0563, 20.0763</a>
YIQ	<a href="#">128.7330, 41.0770, 20.9890</a>

# Conversions

## Conversions Part 2

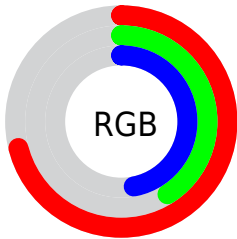
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 104, 119
Decimal	11888759
CIE <sub>Lab</sub>	53.01, 32.58, 5.15
CIE <sub>LCh</sub>	53, 32.986, 8.984
Yxy	21.0563, 0.3993, 0.3075
Android (android.graphics.Color)	4290078839 (0xFFB56877)
YUV	128.7330, -4.7984, 45.8382
Hunter-Lab	45.8871, 26.0345, 6.1808

# Details

The Hex color **B56877** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **68B5A6**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **EF9CAB**, and **7E3647** is the 20% darker color. If you saturate the color by 10%, you get **B55668**, and if you desaturate by 10%, it is **B57A86**.

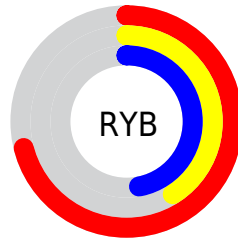
# Distribution



Red (71%)

Green (41%)

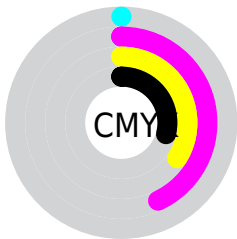
Blue (47%)



Red (71%)

Yellow (41%)

Blue (47%)

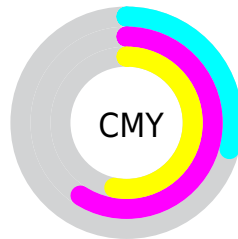


Cyan (0%)

Magenta (43%)

Yellow (34%)

Black (29%)



Cyan (29%)

Magenta (59%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B56877 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 B56877 by changing the saturation by 10% instead.



 B56877

 B56877

FFFFFF

 994F5E

 EF9CAB

 7E3647

 FFB8C6

 631E31

 FFD4E2

 49031C

 FFF0FF

 320000

 060000

 000000

 B56877

 B56877

 B55668

 B57A86

 B5445A

 B58C94

 B5324B

 B59EA3

 B5203D

 B5B0B1

 B50D2E

 B5C3C0

 B50023

 B5D5CE

 B5E7DD

 B5F9EC

 B5FFFA

# Harmonies

## Analogous

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



A96B94



B56877



B26D5C

# Triad

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



B56877



6A8751



2987B3

# Complementary

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



B56877



68B5A6

# 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.



008CA1



B56877



458C69

# Square

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



B56877



888046



0E8E86



627FB6

# Rectangle

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



B56877



A8734F



0E8E86



0B89AE



# Sweetspot

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



B56877



EBCCD2



A668B5



756366



F5F5F5



757575



# Same Dimension

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



B56877



EB738A



B57F68



595052



99001E



1A0005



# Inverse Universe

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



B56877



EB738A



689EB5



595052



99001E

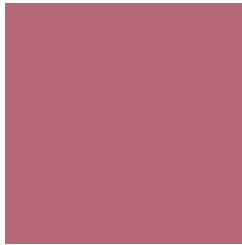


1A0005



# Previews

## White Background



This preview shows how the Hex color B56877 looks on a white background.

## Color Contrast Check

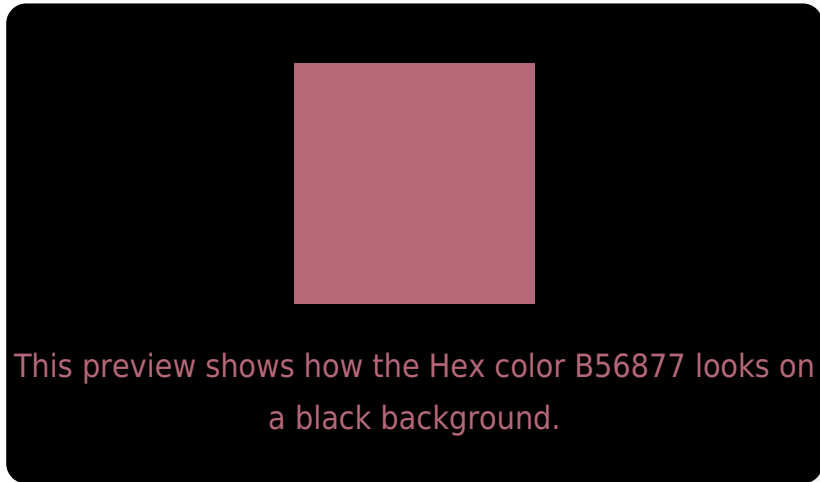
Large Text (above 18pt) WCAG AA ✓ Pass

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 B56877 Background



This preview shows how black text looks on a background with the Hex color B56877.

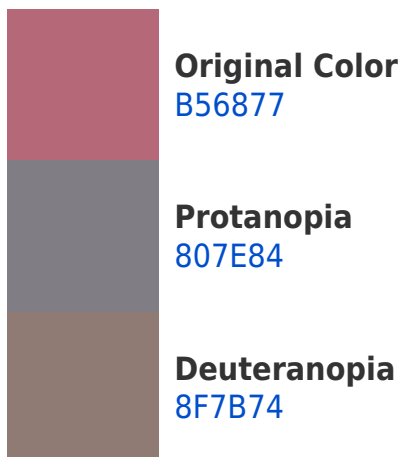



This preview shows how white text looks on a background with the Hex color B56877.

# 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](#).

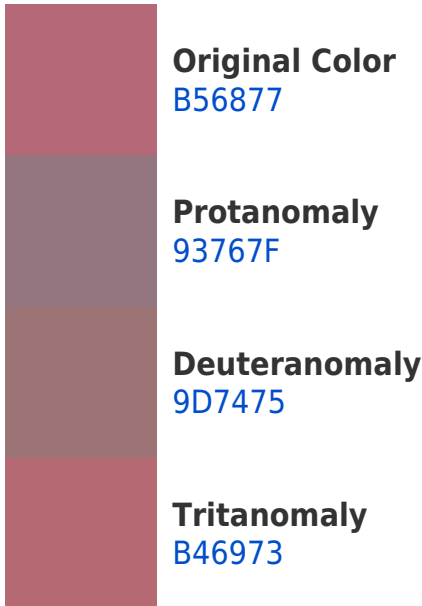
## Dichromacy





**Tritanopia**  
B46971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B56877 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 #B56877 looks like.

```
.text, #text, p{  
    color:#B56877  
}
```

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 #B56877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B56877  
}
```

## Border

The CSS property to change the border of an element to Hex B56877 is called "border". The border property can be set on classes, ids or directly on the HTML element.

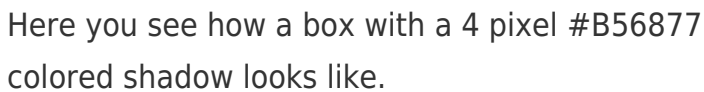
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B56877 }
```

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

```
.border{ border-color:#B56877 }
```

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



Here you see how a box with a 4 pixel `#B56877` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B56877; -webkit-box-shadow:4px 4px  
4px 4px #B56877; box-shadow:4px 4px 4px  
4px #B56877 }
```

# Background

The CSS property to change the background color of an element to Hex B56877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B56877 }
```

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

```
.background{ background-color:#B56877 }
```

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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