

# Converting Colors

Hex(BB5571)

Have a look what the booklet for  
Hex(BB5571) contains.

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# Color

**Hex(BB5571)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB5571
RGB	187, 85, 113
RGB Percent	73%, 33%, 44%
CMY	0.2667, 0.6667, 0.5569
CMYK	0.00, 0.55, 0.40, 0.27
HSL	344°, 43%, 53%
HSV	344°, 55%, 73%
XYZ	26.7227, 18.2540, 17.7377
YIQ	118.6900, 51.8040, 30.3320

# Conversions

## Conversions Part 2

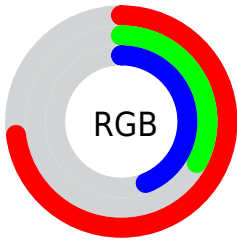
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 85, 113
Decimal	12277105
CIE <sub>Lab</sub>	49.80, 43.92, 4.22
CIE <sub>LCh</sub>	50, 44.124, 5.492
Yxy	18.2540, 0.4261, 0.2911
Android (android.graphics.Color)	4290467185 (0xFFBB5571)
YUV	118.6900, -2.8052, 59.9079
Hunter-Lab	42.7248, 36.8764, 5.2923

# Details

The Hex color **BB5571** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **55BB9F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **F68AA5**, and **822041** is the 20% darker color. If you saturate the color by 10%, you get **BB4263**, and if you desaturate by 10%, it is **BB687F**.

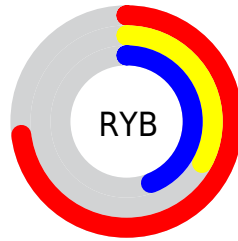
# Distribution



Red (73%)

Green (33%)

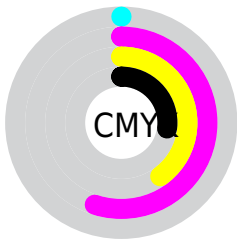
Blue (44%)



Red (73%)

Yellow (33%)

Blue (44%)

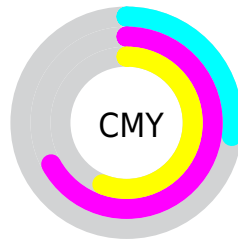


Cyan (0%)

Magenta (55%)

Yellow (40%)

Black (27%)



Cyan (27%)

Magenta (67%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB5571 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 BB5571 by changing the saturation by 10% instead.



 BB5571

 BB5571

FFFFFF

 9E3B59

 F68AA5

 822041

 FFA5C0

 66002B

 FFC1DC

 4B0017

 FFDEF8

 340002

 FFFBFF

 000000

 BB5571

 BB5571

 BB4263

 BB687F

 BB3056

 BB7A8C

 BB1D48

 BB8D9A

 BB0A3B

 BBA0A7

 BB0033

 BBB3B5

 BBC5C2

 BBD8D0

 BBEBDE

 BBFDEB

# Harmonies

## Analogous

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



AA5B96



BB5571



B85C4D

# Triad

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



BB5571



5E8136



0083BA

# Complementary

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



BB5571



55BB9F

# 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.



0088A1



BB5571



238756

# Square

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



BB5571



857727



00897C



3A78C1

# Rectangle

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



BB5571



AC6439



00897C



0085B4



# Sweetspot

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



BB5571



F2CBD6



9E55BB



7A636A



FAFAFA



7A7A7A



# Same Dimension

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



BB5571



F25580



BB6B55



5E5558



9E002B



1F0008



# Inverse Universe

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



BB5571



F25580



55A5BB



5E5558



9E002B



1F0008



# Previews

## White Background



This preview shows how the Hex color BB5571 looks on a white background.

## Color Contrast Check

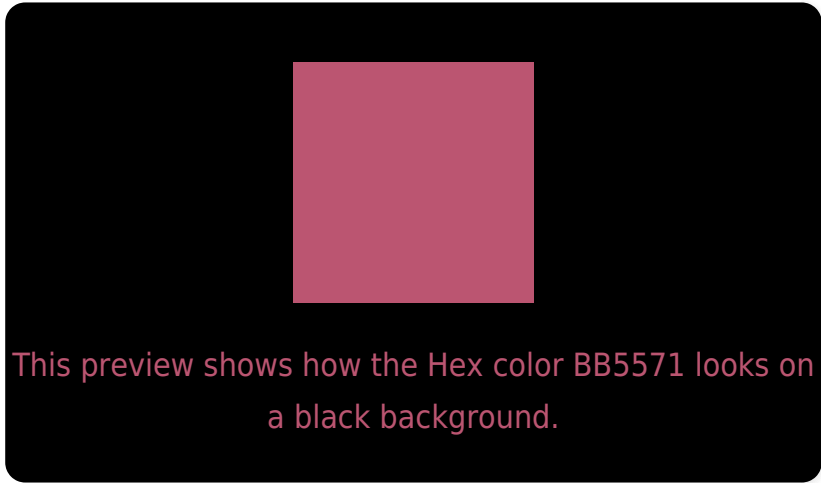
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 BB5571 Background



This preview shows how black text looks on a background with the Hex color BB5571.

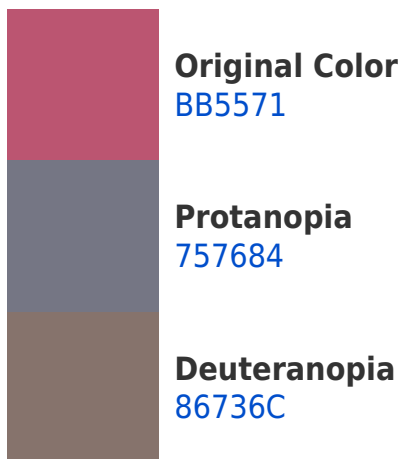



This preview shows how white text looks on a background with the Hex color BB5571.

# 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**  
BA585F

# Trichromacy



**Original Color**  
BB5571

**Protanomaly**  
8E6A7D

**Deuteranomaly**  
99686E

**Tritanomaly**  
BA5766

# Monochromacy



**Original Color**  
BB5571

**Achromatopsia**  
777777

**Achromatomaly**  
906B75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB5571 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 #BB5571 looks like.

```
.text, #text, p{  
    color:#BB5571  
}
```

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 #BB5571 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB5571
}
```

## Border

The CSS property to change the border of an element to Hex BB5571 is called "border". The border property can be set on classes, ids or directly on the HTML element.

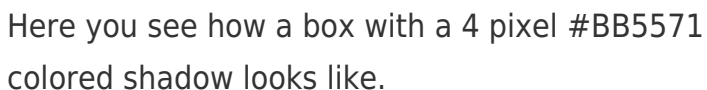
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB5571 }
```

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

```
.border{ border-color:#BB5571 }
```

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



Here you see how a box with a 4 pixel #BB5571 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB5571; -webkit-box-shadow:4px 4px  
4px 4px #BB5571; box-shadow:4px 4px 4px  
4px #BB5571 }
```

# Background

The CSS property to change the background color of an element to Hex BB5571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB5571 }
```

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

```
.background{ background-color:#BB5571 }
```

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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