

Converting Colors

Hex(BB5E99)

Have a look what the booklet for
Hex(BB5E99) contains.

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Color

Hex(BB5E99)

Conversions

Conversions Part 1

Format	Color
Hex	BB5E99
RGB	187, 94, 153
RGB Percent	73%, 37%, 60%
CMY	0.2667, 0.6314, 0.4000
CMYK	0.00, 0.50, 0.18, 0.27
HSL	322°, 41%, 55%
HSV	322°, 50%, 73%
XYZ	30.2460, 20.8701, 32.5712
YIQ	128.5330, 36.4890, 38.0650

Conversions

Conversions Part 2

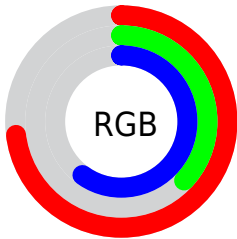
Format	Color
RYB	187, 94, 153
Decimal	12279449
CIELab	52.81, 44.78, -15.13
CIELCh	53, 47.264, 341.336
Yxy	20.8701, 0.3614, 0.2494
Android (android.graphics.Color)	4290469529 (0xFFBB5E99)
YUV	128.5330, 12.0622, 51.2756
Hunter-Lab	45.6838, 38.2332, -10.2933

Details

The Hex color **BB5E99** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5EBB80**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **F593CF**, and **832A66** is the 20% darker color. If you saturate the color by 10%, you get **BB4B92**, and if you desaturate by 10%, it is **BB71A0**.

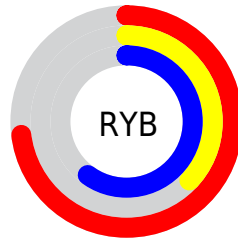
Distribution



Red (73%)

Green (37%)

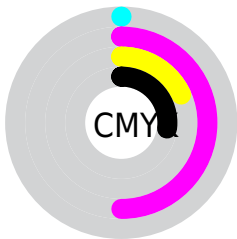
Blue (60%)



Red (73%)

Yellow (37%)

Blue (60%)

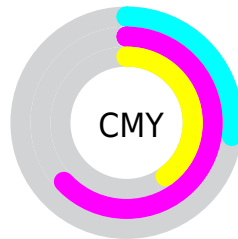


Cyan (0%)

Magenta (50%)

Yellow (18%)

Black (27%)



Cyan (27%)

Magenta (63%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB5E99 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 BB5E99 by changing the saturation by 10% instead.

 BB5E99

 BB5E99

FFFFFF

 9F447F

 F593CF

 832A66

 FFAFEC

 690A4E

 FFCBFF

 4E0037

 FFE8FF

 360022

 190007

 000000

 BB5E99

 BB5E99

 BB4B92

 BB71A0

 BB398B

 BB83A7

 BB2684

 BB96AE

 BB137E

 BBA9B4

 BB0177

 BBBBBB

 BB0077

 BBCEC2

 BBE1C9

 BBF4D0

 BBFFD7

Harmonies

Analogous

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



956DBB



BB5E99



C95A70

Triad

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



BB5E99



868129



0090B3

Complementary

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



BB5E99



5EBB80

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.



00928D



BB5E99



598B3E

Square

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



BB5E99



A9732F



009063



0089CB

Rectangle

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



BB5E99



C65F56



009063



0091A7

Sweetspot

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



BB5E99



F2CEE5



7F5EBB



7A6472



FAFAFA



7A7A7A

Same Dimension

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



BB5E99



F261BD



BB5E6C



5E555B



9E0064



1F0013

Inverse Universe

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



BB5E99



F261BD



5EBBAD



5E555B



9E0064



1F0013

Previews

White Background



This preview shows how the Hex color BB5E99 looks on a white background.

Color Contrast Check

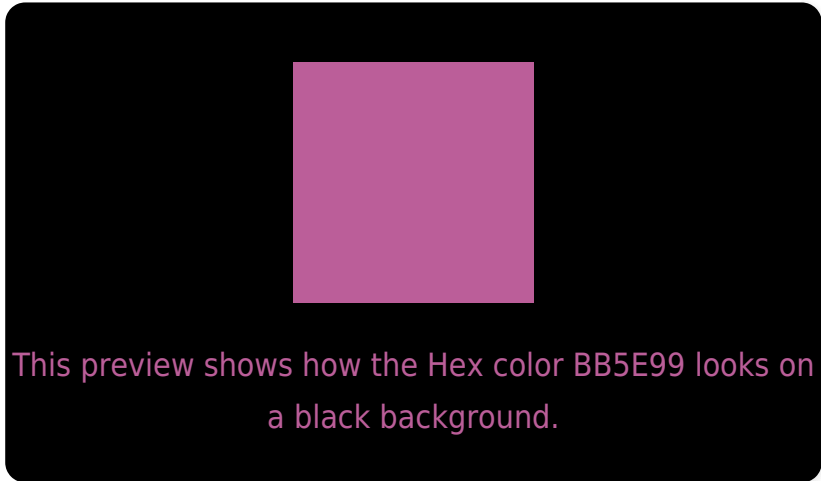
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB5E99 Background



This preview shows how black text looks on a background with the Hex color BB5E99.



This preview shows how white text looks on a background with the Hex color BB5E99.

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
BB5E99

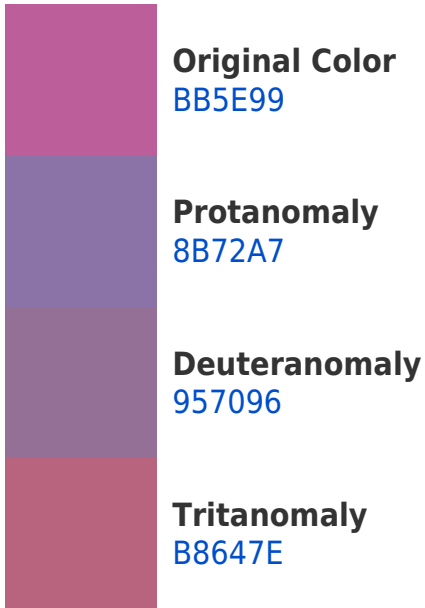
Protanopia
6F7DAF

Deuteranopia
807B94

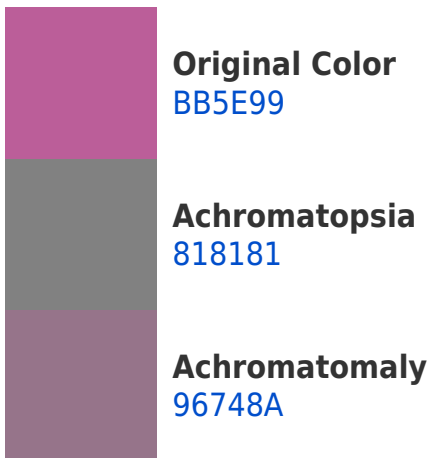


Tritanopia
B7676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BB5E99 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 #BB5E99 looks like.

```
.text, #text, p{  
    color:#BB5E99  
}
```

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 #BB5E99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB5E99
}
```

Border

The CSS property to change the border of an element to Hex BB5E99 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
#BB5E99 }
```

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

```
.border{ border-color:#BB5E99 }
```

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

Here you see how a box with a 4 pixel #BB5E99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB5E99; -webkit-box-shadow:4px 4px  
4px 4px #BB5E99; box-shadow:4px 4px 4px  
4px #BB5E99 }
```

Background

The CSS property to change the background color of an element to Hex BB5E99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB5E99 }
```

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

```
.background{ background-color:#BB5E99 }
```

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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