

Converting Colors

Hex(BB5686)

Have a look what the booklet for
Hex(BB5686) contains.

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Color

Hex(BB5686)

Conversions

Conversions Part 1

Format	Color
Hex	BB5686
RGB	187, 86, 134
RGB Percent	73%, 34%, 53%
CMY	0.2667, 0.6627, 0.4745
CMYK	0.00, 0.54, 0.28, 0.27
HSL	331°, 43%, 54%
HSV	331°, 54%, 73%
XYZ	28.1244, 18.9416, 24.7280
YIQ	121.6710, 44.7880, 36.3400

Conversions

Conversions Part 2

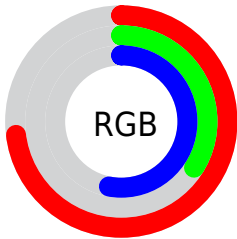
Format	Color
RYB	187, 86, 134
Decimal	12277382
CIELab	50.62, 46.03, -7.16
CIELCh	51, 46.588, 351.156
Yxy	18.9416, 0.3917, 0.2638
Android (android.graphics.Color)	4290467462 (0xFFBB5686)
YUV	121.6710, 6.0782, 57.2935
Hunter-Lab	43.5220, 39.1853, -3.2217

Details

The Hex color **BB5686** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **56BB8B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **F68BBB**, and **832054** is the 20% darker color. If you saturate the color by 10%, you get **BB437C**, and if you desaturate by 10%, it is **BB6990**.

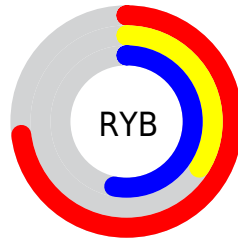
Distribution



Red (73%)

Green (34%)

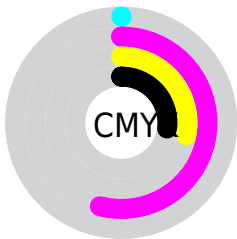
Blue (53%)



Red (73%)

Yellow (34%)

Blue (53%)

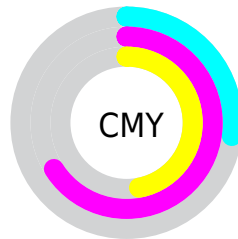


Cyan (0%)

Magenta (54%)

Yellow (28%)

Black (27%)



Cyan (27%)

Magenta (66%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB5686 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 BB5686 by changing the saturation by 10% instead.

 BB5686

 BB5686

FFFFFF

 9F3C6D

 F68BBB

 832054

 FFA7D7

 67003D

 FFC3F3

 4D0028

 FFDFFF

 350013

 FFFCFF

 0E0000

 000000

 BB5686

 BB5686

 BB437C

 BB6990

 BB3172

 BB7B9A

 BB1E69

 BB8EA3

 BB0B5F

 BBA1AD

 BB0059

 BBB3B7

 BBC6C1

 BBD9CB

 BBECD5

 BBFEDE

Harmonies

Analogous

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



9E62AB



BB5686



C1575E

Triad

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



BB5686



737F29



0089B6

Complementary

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



BB5686



56BB8B

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.



008C94



BB5686



428744

Square

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



BB5686



987226



008B6B



0080C7

Rectangle

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



BB5686



BA5E46



008B6B



008AAC

Sweetspot

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



BB5686



F2CBDE



8A56BB



7A636E



FAFAFA



7A7A7A

Same Dimension

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



BB5686



F255A0



BB5856



5E5559



9E004B



1F000F

Inverse Universe

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



BB5686



F255A0



56B9BB



5E5559



9E004B



1F000F

Previews

White Background



This preview shows how the Hex color BB5686 looks on a white background.

Color Contrast Check

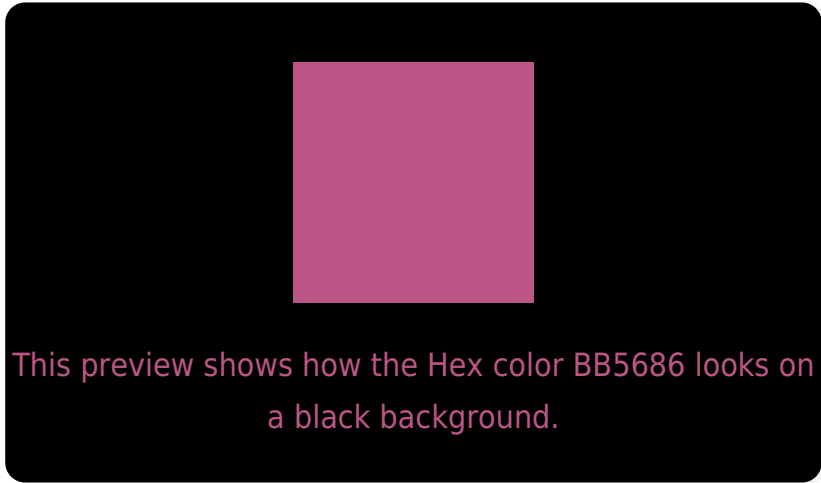
Large Text (above 18pt) WCAG AA ✓ Pass

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 BB5686 Background



This preview shows how black text looks on a background with the Hex color BB5686.




This preview shows how white text looks on a background with the Hex color BB5686.

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
B85D64

Trichromacy



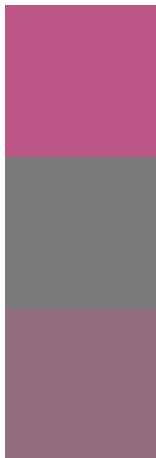
Original Color
BB5686

Protanomaly
8B6C94

Deuteranomaly
966A83

Tritanomaly
B95A70

Monochromacy



Original Color
BB5686

Achromatopsia
7A7A7A

Achromatomaly
926D7E

CSS Examples

Text

The CSS property to change the color of the text to Hex BB5686 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 #BB5686 looks like.

```
.text, #text, p{  
    color:#BB5686  
}
```

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 #BB5686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB5686
}
```

Border

The CSS property to change the border of an element to Hex BB5686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

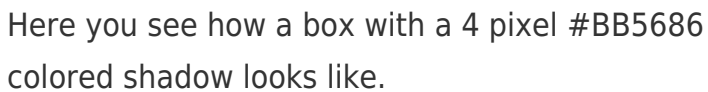
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB5686 }
```

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

```
.border{ border-color:#BB5686 }
```

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



Here you see how a box with a 4 pixel #BB5686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB5686; -webkit-box-shadow:4px 4px  
4px 4px #BB5686; box-shadow:4px 4px 4px  
4px #BB5686 }
```

Background

The CSS property to change the background color of an element to Hex BB5686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB5686 }
```

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

```
.background{ background-color:#BB5686 }
```

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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