

Converting Colors

Hex(BC3687)

Have a look what the booklet for
Hex(BC3687) contains.

Hex(BC3687)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BC3687)

Conversions

Conversions Part 1

Format	Color
Hex	BC3687
RGB	188, 54, 135
RGB Percent	74%, 21%, 53%
CMY	0.2627, 0.7882, 0.4706
CMYK	0.00, 0.71, 0.28, 0.26
HSL	324°, 55%, 47%
HSV	324°, 71%, 74%
XYZ	26.4314, 15.0790, 24.4391
YIQ	103.3000, 53.8630, 53.5990

Conversions

Conversions Part 2

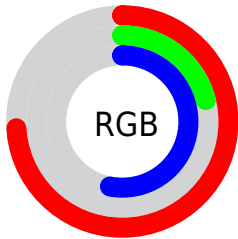
Format	Color
R_{YB}	188, 54, 135
Decimal	12334727
CIE _{Lab}	45.74, 60.23, -15.09
CIE _{LCh}	46, 62.092, 345.932
Yxy	15.0790, 0.4008, 0.2286
Android (android.graphics.Color)	4290524807 (0xFFBC3687)
YUV	103.3000, 15.6281, 74.2819
Hunter-Lab	38.8316, 53.5435, -10.1326

Details

The Hex color **BC3687** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **36BC6B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **F86FBC**, and **820055** is the 20% darker color. If you saturate the color by 10%, you get **BC2380**, and if you desaturate by 10%, it is **BC498E**.

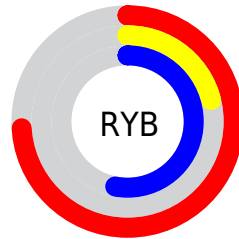
Distribution



Red (74%)

Green (21%)

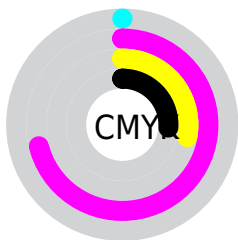
Blue (53%)



Red (74%)

Yellow (21%)

Blue (53%)

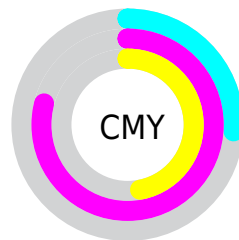


Cyan (0%)

Magenta (71%)

Yellow (28%)

Black (26%)



Cyan (26%)

Magenta (79%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC3687 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 BC3687 by changing the saturation by 10% instead.

 BC3687

 BC3687

FFFFFF

 9F116E

 F86FBC

 820055

 FF8CD8

 66003E

 FFA8F5

 4B0028

 FFC4FF

 310013

 FFE2FF

 000000

 BC3687

 BC3687

 BC2380

 BC498E

 BC1078

 BC5C96

 BC0072

 BC6E9D

 BC81A5

 BC94AC

 BCA7B4

 BCBABB

 BCCCC2

 BCDFCA

Harmonies

Analogous

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



9050B5



BC3687



C73253

Triad

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



BC3687



697200



0081B6

Complementary

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



BC3687



36BC6B

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.



008387



BC3687



257D1A

Square

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



BC3687



976100



008251



0079D2

Rectangle

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



BC3687



C04032



008251



0083A8

Sweetspot

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



BC3687



F5C1E0



6936BC



7A5C6E



FAFAFA



7A7A7A

Same Dimension

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



BC3687



F522A2



BC3646



5E555B



9E0060



1F0012

Inverse Universe

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



BC3687



F522A2



36BCAC



5E555B



9E0060



1F0012

Previews

White Background



This preview shows how the Hex color BC3687 looks on a white background.

Color Contrast Check

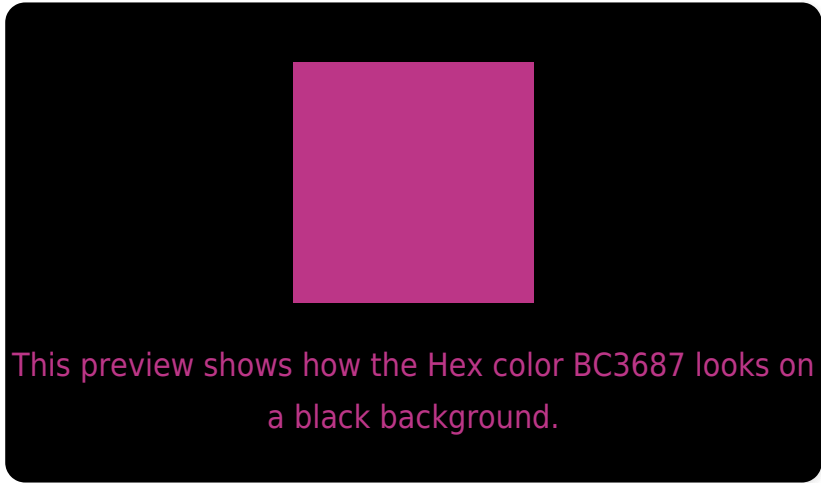
Large Text (above 18pt) WCAG AA ✓ Pass

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

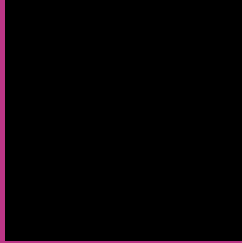
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex BC3687 Background



This preview shows how black text looks on a background with the Hex color BC3687.

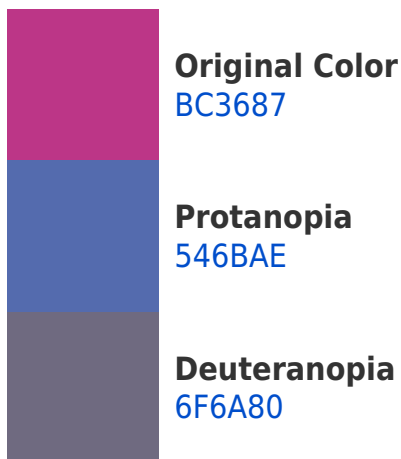


This preview shows how white text looks on a background with the Hex color BC3687.

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
B7474B

Trichromacy



Original Color
BC3687

Protanomaly
7A58A0

Deuteranomaly
8B5783

Tritanomaly
B94161

Monochromacy



Original Color
BC3687

Achromatopsia
676767

Achromatomaly
865573

CSS Examples

Text

The CSS property to change the color of the text to Hex BC3687 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 #BC3687 looks like.

```
.text, #text, p{  
    color:#BC3687  
}
```

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 #BC3687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC3687
}
```

Border

The CSS property to change the border of an element to Hex BC3687 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
#BC3687 }
```

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

```
.border{ border-color:#BC3687 }
```

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

Here you see how a box with a 4 pixel #BC3687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC3687; -webkit-box-shadow:4px 4px  
4px 4px #BC3687; box-shadow:4px 4px 4px  
4px #BC3687 }
```

Background

The CSS property to change the background color of an element to Hex BC3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC3687 }
```

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

```
.background{ background-color:#BC3687 }
```

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