

Converting Colors

Hex(BB3486)

Have a look what the booklet for
Hex(BB3486) contains.

Hex(BB3486)	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(BB3486)

Conversions

Conversions Part 1

Format	Color
Hex	BB3486
RGB	187, 52, 134
RGB Percent	73%, 20%, 53%
CMY	0.2667, 0.7961, 0.4745
CMYK	0.00, 0.72, 0.28, 0.27
HSL	324°, 56%, 47%
HSV	324°, 72%, 73%
XYZ	26.0246, 14.7420, 24.0281
YIQ	101.7130, 54.1380, 54.1220

Conversions

Conversions Part 2

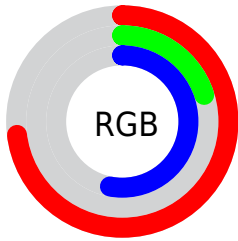
Format	Color
R_{YB}	187, 52, 134
Decimal	12268678
CIE _{Lab}	45.28, 60.54, -15.21
CIE _{LCh}	45, 62.425, 345.901
Yxy	14.7420, 0.4016, 0.2275
Android (android.graphics.Color)	4290458758 (0xFFBB3486)
YUV	101.7130, 15.9175, 74.7967
Hunter-Lab	38.3953, 53.7966, -10.2274

Details

The Hex color **BB3486** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **34BB69**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **F76EBB**, and **810054** is the 20% darker color. If you saturate the color by 10%, you get **BB217F**, and if you desaturate by 10%, it is **BB478D**.

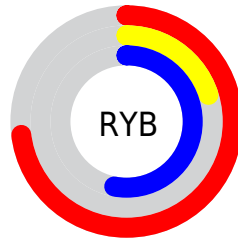
Distribution



Red (73%)

Green (20%)

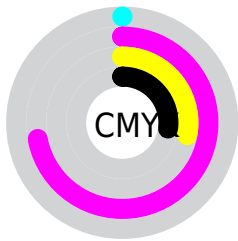
Blue (53%)



Red (73%)

Yellow (20%)

Blue (53%)

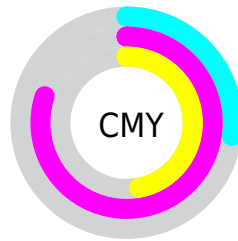


Cyan (0%)

Magenta (72%)

Yellow (28%)

Black (27%)



Cyan (27%)

Magenta (80%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color BB3486 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 BB3486 by changing the saturation by 10% instead.

 BB3486

 BB3486

FFFFFF

 9E0D6D

 F76EBB

 810054

 FF8AD7

 65003D

 FFA6F3

 4A0027

 FFC3FF

 300011

 FFE0FF

 000000

FFFEFF

 BB3486

 BB3486

 BB217F

 BB478D

 BB0F77

 BB5995

 BB0072

 BB6C9C

 BB7FA3

 BB92AB

 BBA4B2

 BBB7B9

 BBCAC1

 BBDCC8

Harmonies

Analogous

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



8F4FB4



BB3486



C63052

Triad

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



BB3486



687100



0080B5

Complementary

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



BB3486



34BB69

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.



008286



BB3486



237C18

Square

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



BB3486



966000



008150



0078D1

Rectangle

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



BB3486



BF3E31



008150



0081A7

Sweetspot

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



BB3486



F2BDDD



6834BB



7A5B6E



FAFAFA



7A7A7A

Same Dimension

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



BB3486



F21FA0



BB3444



5E555B



9E0060



1F0013

Inverse Universe

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



BB3486



F21FA0



34BBAB



5E555B



9E0060



1F0013

Previews

White Background



This preview shows how the Hex color BB3486 looks on a white background.

Color Contrast Check

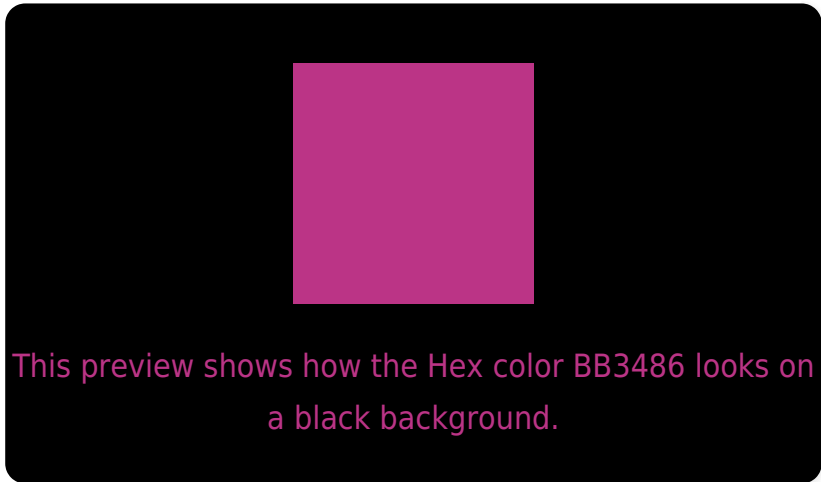
Large Text (above 18pt) WCAG AA ✓ Pass

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

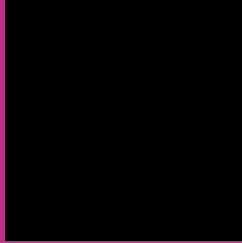
Any Text WCAG AA × Fail

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 BB3486 Background



This preview shows how black text looks on a background with the Hex color BB3486.

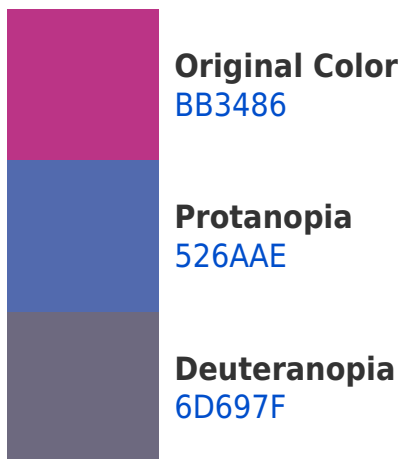



This preview shows how white text looks on a background with the Hex color BB3486.

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](#).

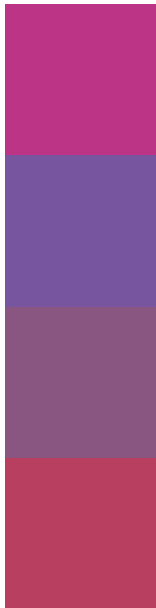
Dichromacy





Tritanopia
B6454A

Trichromacy



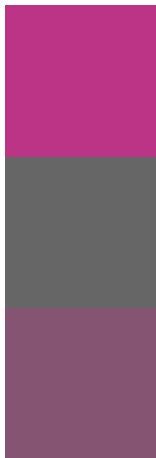
Original Color
BB3486

Protanomaly
78569F

Deuteranomaly
895682

Tritanomaly
B83F60

Monochromacy



Original Color
BB3486

Achromatopsia
666666

Achromatomaly
855472

CSS Examples

Text

The CSS property to change the color of the text to Hex BB3486 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 #BB3486 looks like.

```
.text, #text, p{  
    color:#BB3486  
}
```

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 #BB3486 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB3486
}
```

Border

The CSS property to change the border of an element to Hex BB3486 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
#BB3486 }
```

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

```
.border{ border-color:#BB3486 }
```

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

Here you see how a box with a 4 pixel #BB3486 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB3486; -webkit-box-shadow:4px 4px  
4px 4px #BB3486; box-shadow:4px 4px 4px  
4px #BB3486 }
```

Background

The CSS property to change the background color of an element to Hex BB3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB3486 }
```

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

```
.background{ background-color:#BB3486 }
```

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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