

Converting Colors

Hex(BF3F71)

Have a look what the booklet for
Hex(BF3F71) contains.

Hex(BF3F71)	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(BF3F71)

Conversions

Conversions Part 1

Format	Color
Hex	BF3F71
RGB	191, 63, 113
RGB Percent	75%, 25%, 44%
CMY	0.2510, 0.7529, 0.5569
CMYK	0.00, 0.67, 0.41, 0.25
HSL	337°, 50%, 50%
HSV	337°, 67%, 75%
XYZ	26.2440, 15.8236, 17.2938
YIQ	106.9720, 60.2380, 42.6860

Conversions

Conversions Part 2

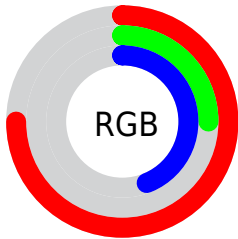
Format	Color
R_{YB}	191, 63, 113
Decimal	12533617
CIE _{Lab}	46.74, 55.15, -0.14
CIE _{LCh}	47, 55.147, 359.860
Yxy	15.8236, 0.4421, 0.2666
Android (android.graphics.Color)	4290723697 (0xFFBF3F71)
YUV	106.9720, 2.9718, 73.6926
Hunter-Lab	39.7789, 48.1516, 2.0690

Details

The Hex color **BF3F71** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **3FBF8D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FB76A5**, and **850041** is the 20% darker color. If you saturate the color by 10%, you get **BF2C65**, and if you desaturate by 10%, it is **BF527D**.

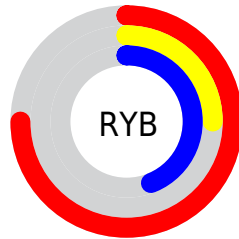
Distribution



Red (75%)

Green (25%)

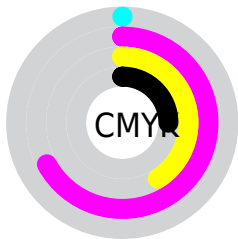
Blue (44%)



Red (75%)

Yellow (25%)

Blue (44%)

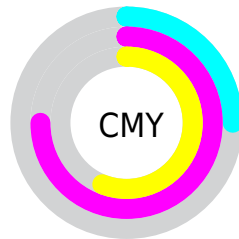


Cyan (0%)

Magenta (67%)

Yellow (41%)

Black (25%)



Cyan (25%)

Magenta (75%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color BF3F71 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 BF3F71 by changing the saturation by 10% instead.

 BF3F71

 BF3F71

FFFFFF

 A22059

 FB76A5

 850041

 FF92C0

 68002C

 FFAEDC

 4C0017

 FFCBF8

 330002

 FFE8FF

 000000

 BF3F71

 BF3F71

 BF2C65

 BF527D

 BF195A

 BF6588

 BF064E

 BF7894

 BF004B

 BF8BA0

 BF9FAB

 BFB2B7

 BFC5C2

 BFD8CE

 BFEFDA

Harmonies

Analogous

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



A64D9E



BF3F71



BE4744

Triad

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



BF3F71



577911



007FBF

Complementary

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



BF3F71



3FBF8D

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.



00849C



BF3F71



00813D

Square

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



BF3F71



856D00



00846D



0074CC

Rectangle

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



BF3F71



B25328



00846D



0081B5

Sweetspot

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



BF3F71



F7C6D9



8C3FBF



7D5F6B



FCFCFC



7D7D7D

Same Dimension

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



BF3F71



F7317F



BF4C3F



5E5559



9E003E



1F000C

Inverse Universe

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



BF3F71



F7317F



3FB2BF



5E5559



9E003E



1F000C

Previews

White Background



This preview shows how the Hex color BF3F71 looks on a white background.

Color Contrast Check

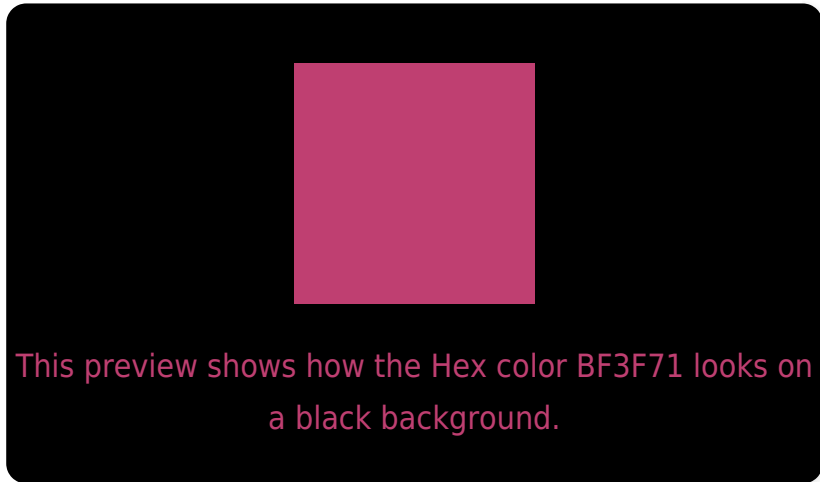
Large Text (above 18pt) WCAG AA ✓ Pass

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

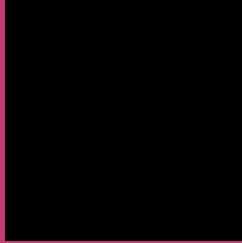
Any Text WCAG AA × Fail

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 BF3F71 Background



This preview shows how black text looks on a background with the Hex color BF3F71.



This preview shows how white text looks on a background with the Hex color BF3F71.

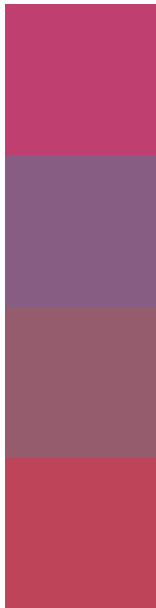
Color Blindness Simulation

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



Trichromacy



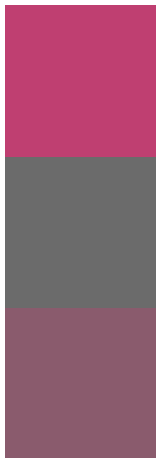
Original Color
BF3F71

Protanomaly
875D83

Deuteranomaly
945C6D

Tritanomaly
BD4459

Monochromacy



Original Color
BF3F71

Achromatopsia
6B6B6B

Achromatomaly
8A5B6D

CSS Examples

Text

The CSS property to change the color of the text to Hex BF3F71 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 #BF3F71 looks like.

```
.text, #text, p{  
    color:#BF3F71  
}
```

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 #BF3F71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF3F71
}
```

Border

The CSS property to change the border of an element to Hex BF3F71 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
#BF3F71 }
```

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

```
.border{ border-color:#BF3F71 }
```

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

Here you see how a box with a 4 pixel #BF3F71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF3F71; -webkit-box-shadow:4px 4px  
4px 4px #BF3F71; box-shadow:4px 4px 4px  
4px #BF3F71 }
```

Background

The CSS property to change the background color of an element to Hex BF3F71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF3F71 }
```

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

```
.background{ background-color:#BF3F71 }
```

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