

Converting Colors

Hex(BF3B94)

Have a look what the booklet for
Hex(BF3B94) contains.

Hex(BF3B94)	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(BF3B94)

Conversions

Conversions Part 1

Format	Color
Hex	BF3B94
RGB	191, 59, 148
RGB Percent	75%, 23%, 58%
CMY	0.2510, 0.7686, 0.4196
CMYK	0.00, 0.69, 0.23, 0.25
HSL	320°, 53%, 49%
HSV	320°, 69%, 75%
XYZ	28.3951, 16.3424, 29.6748
YIQ	108.6140, 50.1030, 55.6630

Conversions

Conversions Part 2

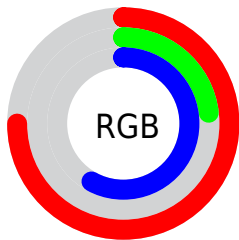
Format	Color
R _{YB}	191, 59, 148
Decimal	12532628
CIE Lab	47.42, 60.89, -20.32
CIE LCh	47, 64.188, 341.541
Yxy	16.3424, 0.3816, 0.2196
Android (android.graphics.Color)	4290722708 (0xFFBF3B94)
YUV	108.6140, 19.4173, 72.2525
Hunter-Lab	40.4258, 54.6336, -15.2242

Details

The Hex color **BF3B94** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **3BBF66**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FA74CA**, and **860061** is the 20% darker color. If you saturate the color by 10%, you get **BF288E**, and if you desaturate by 10%, it is **BF4E9A**.

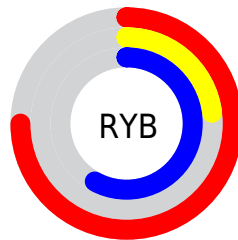
Distribution



Red (75%)

Green (23%)

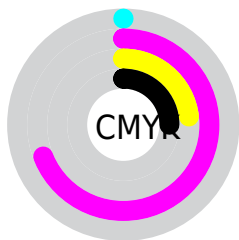
Blue (58%)



Red (75%)

Yellow (23%)

Blue (58%)

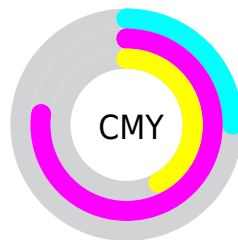


Cyan (0%)

Magenta (69%)

Yellow (23%)

Black (25%)



Cyan (25%)

Magenta (77%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color BF3B94 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 BF3B94 by changing the saturation by 10% instead.

 BF3B94

 BF3B94

FFFFFF

 A2187A

 FA74CA

 860061

 FF90E6

 6A0049

 FFADFF

 4E0032

 FFC9FF

 35001D

 FFE7FF

 100000

 000000

 BF3B94

 BF3B94

 BF288E

 BF4E9A

 BF1588

 BF61A0

 BF0281

 BF74A7

 BF0081

 BF87AD

 BF9BB3

 BFAEB9

 BFC1C0

 BFD4C6

 BFE7CC

Harmonies

Analogous

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



8C57C2



BF3B94



CF325E

Triad

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



BF3B94



757500



0087B7

Complementary

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



BF3B94



3BBF66

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.



008885



BF3B94



358010

Square

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



BF3B94



A36100



00864C



0080D8

Rectangle

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



BF3B94



CA3E3B



00864C



0088A8

Sweetspot

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



BF3B94



F7C3E6



653BBF



7D5E73



FCFCFC



7D7D7D

Same Dimension

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



BF3B94



F72AB4



BF3B53



5E555B



9E006B



1F0015

Inverse Universe

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



BF3B94



F72AB4



3BBFA7



5E555B



9E006B



1F0015

Previews

White Background



This preview shows how the Hex color BF3B94 looks on a white background.

Color Contrast Check

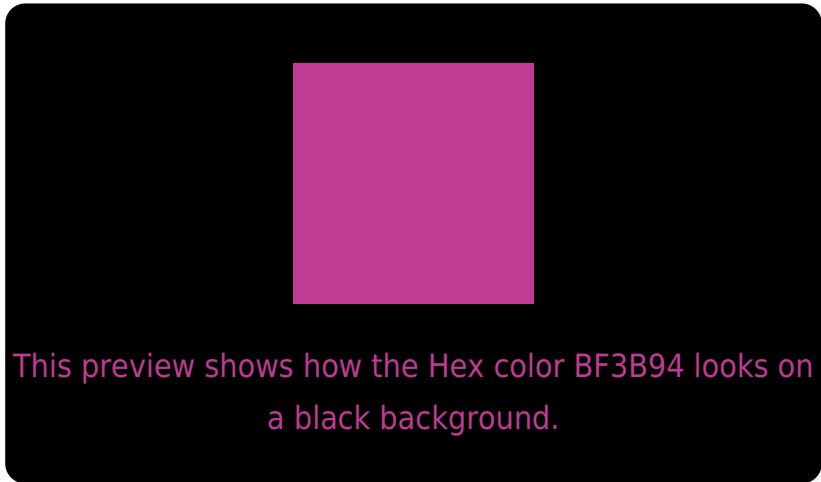
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF3B94 Background



This preview shows how black text looks on a background with the Hex color BF3B94.




This preview shows how white text looks on a background with the Hex color BF3B94.

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](#).

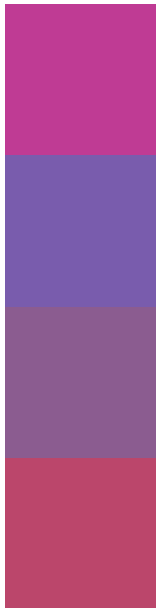
Dichromacy





Tritanopia
B94D53

Trichromacy



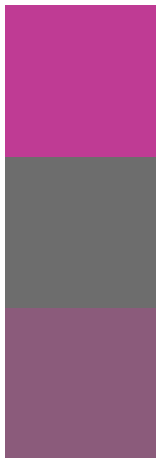
Original Color
BF3B94

Protanomaly
795CAD

Deuteranomaly
8B5C90

Tritanomaly
BB466B

Monochromacy



Original Color
BF3B94

Achromatopsia
6D6D6D

Achromatomaly
8B5B7B

CSS Examples

Text

The CSS property to change the color of the text to Hex BF3B94 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 #BF3B94 looks like.

```
.text, #text, p{  
    color:#BF3B94  
}
```

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 #BF3B94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF3B94
}
```

Border

The CSS property to change the border of an element to Hex BF3B94 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
#BF3B94 }
```

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

```
.border{ border-color:#BF3B94 }
```

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

Here you see how a box with a 4 pixel #BF3B94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF3B94; -webkit-box-shadow:4px 4px  
4px 4px #BF3B94; box-shadow:4px 4px 4px  
4px #BF3B94 }
```

Background

The CSS property to change the background color of an element to Hex BF3B94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF3B94 }
```

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

```
.background{ background-color:#BF3B94 }
```

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