

# Converting Colors

Hex(BF4091)

Have a look what the booklet for  
Hex(BF4091) contains.

<b>Hex(BF4091)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(BF4091)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF4091
RGB	191, 64, 145
RGB Percent	75%, 25%, 57%
CMY	0.2510, 0.7490, 0.4314
CMYK	0.00, 0.66, 0.24, 0.25
HSL	322°, 50%, 50%
HSV	322°, 66%, 75%
XYZ	28.4301, 16.7875, 28.5299
YIQ	111.2070, 49.6910, 52.1150

# Conversions

## Conversions Part 2

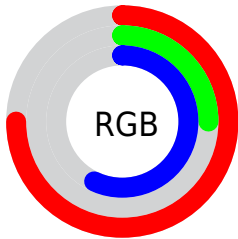
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	191, 64, 145
Decimal	12533905
CIE Lab	47.99, 58.56, -17.65
CIE LCh	48, 61.166, 343.227
Yxy	16.7875, 0.3855, 0.2276
Android (android.graphics.Color)	4290723985 (0xFFBF4091)
YUV	111.2070, 16.6599, 69.9785
Hunter-Lab	40.9725, 52.1559, -12.6039

# Details

The Hex color **BF4091** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **40BF6E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FA78C7**, and **86005E** is the 20% darker color. If you saturate the color by 10%, you get **BF2D8A**, and if you desaturate by 10%, it is **BF5398**.

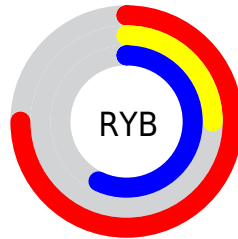
# Distribution



Red (75%)

Green (25%)

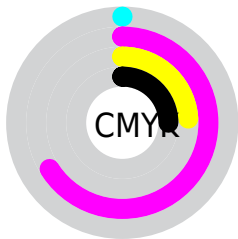
Blue (57%)



Red (75%)

Yellow (25%)

Blue (57%)

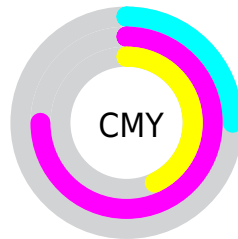


Cyan (0%)

Magenta (66%)

Yellow (24%)

Black (25%)



Cyan (25%)

Magenta (75%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF4091 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 BF4091 by changing the saturation by 10% instead.



 BF4091

 BF4091

FFFFFF

 A22077

 FA78C7

 86005E

 FF94E3

 6A0047

 FFB0FF

 4E0030

 FFCDFE

 36001B

 FFEAFF

 100000

 000000

 BF4091

 BF4091

 BF2D8A

 BF5398

 BF1A83

 BF669F

 BF077C

 BF79A6

 BF007A

 BF8CAD

 BFA0B4

 BFB3BB

 BFC6C1

 BFD9C8

 BFECCE

# Harmonies

## Analogous

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



9059BE



BF4091



CD3A5D

# Triad

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



BF4091



747700



0087B8

# Complementary

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



BF4091



40BF6E

# 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.



008988



BF4091



37821D

# Square

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



BF4091



A16500



008752



0080D5

# Rectangle

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



BF4091



C7453C



008752



0088A9



# Sweetspot

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



BF4091



F7C6E5



6C40BF



7D5F72



FCFCFC



7D7D7D



# Same Dimension

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



BF4091



F731B0



BF4053



5E555B



9E0065



1F0014



# Inverse Universe

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



BF4091



F731B0



40BFAC



5E555B



9E0065



1F0014



# Previews

## White Background



This preview shows how the Hex color BF4091 looks on a white background.

## Color Contrast Check

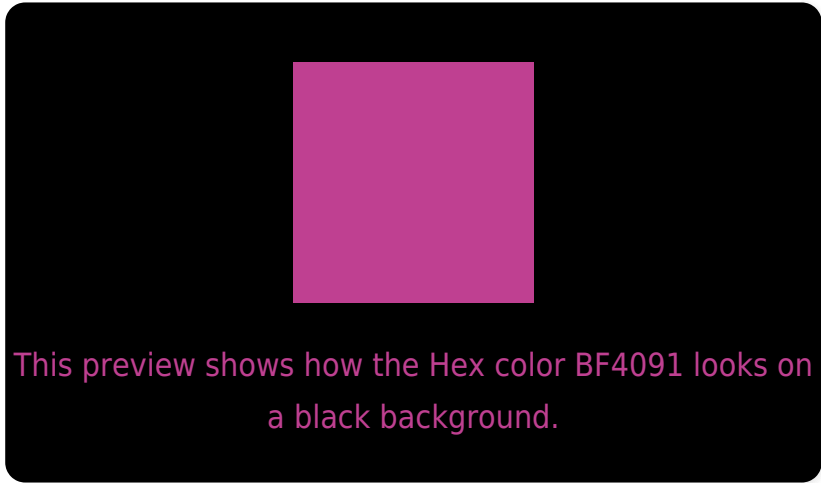
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF4091 Background



This preview shows how black text looks on a background with the Hex color BF4091.



This preview shows how white text looks on a background with the Hex color BF4091.

# 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



**Original Color**  
BF4091

**Protanopia**  
5970B6

**Deuteranopia**  
72708A



# Trichromacy



**Original Color**  
BF4091



**Protanomaly**  
7E5FA9



**Deuteranomaly**  
8E5F8D



**Tritanomaly**  
BC4A6B

# Monochromacy



**Original Color**  
BF4091



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
8C5E7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF4091 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 #BF4091 looks like.

```
.text, #text, p{  
    color:#BF4091  
}
```

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 #BF4091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF4091
}
```

## Border

The CSS property to change the border of an element to Hex BF4091 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
#BF4091 }
```

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

```
.border{ border-color:#BF4091 }
```

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

Here you see how a box with a 4 pixel #BF4091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF4091; -webkit-box-shadow:4px 4px  
4px 4px #BF4091; box-shadow:4px 4px 4px  
4px #BF4091 }
```

# Background

The CSS property to change the background color of an element to Hex BF4091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF4091 }
```

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

```
.background{ background-color:#BF4091 }
```

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