

# Converting Colors

Hex(BC3D72)

Have a look what the booklet for  
Hex(BC3D72) contains.

<b>Hex(BC3D72)</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(BC3D72)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC3D72
RGB	188, 61, 114
RGB Percent	74%, 24%, 45%
CMY	0.2627, 0.7608, 0.5529
CMYK	0.00, 0.68, 0.39, 0.26
HSL	335°, 51%, 49%
HSV	335°, 68%, 74%
XYZ	25.4450, 15.2438, 17.5208
YIQ	105.0150, 58.6790, 43.4070

# Conversions

## Conversions Part 2

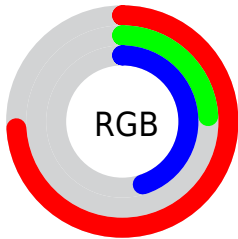
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 61, 114
Decimal	12336498
CIE Lab	45.97, 55.15, -1.94
CIE LCh	46, 55.187, 357.981
Yxy	15.2438, 0.4371, 0.2619
Android (android.graphics.Color)	4290526578 (0xFFBC3D72)
YUV	105.0150, 4.4296, 72.7778
Hunter-Lab	39.0433, 48.0053, 0.7236

# Details

The Hex color **BC3D72** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **3DBC87**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **F875A6**, and **820042** is the 20% darker color. If you saturate the color by 10%, you get **BC2A67**, and if you desaturate by 10%, it is **BC507D**.

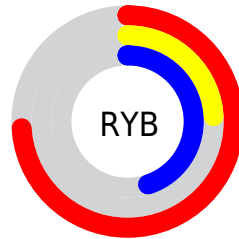
# Distribution



Red (74%)

Green (24%)

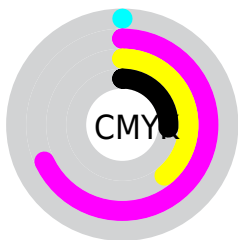
Blue (45%)



Red (74%)

Yellow (24%)

Blue (45%)

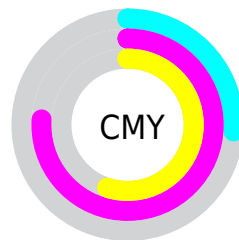


Cyan (0%)

Magenta (68%)

Yellow (39%)

Black (26%)



Cyan (26%)

Magenta (76%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC3D72 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 BC3D72 by changing the saturation by 10% instead.



 BC3D72

 BC3D72

FFFFFF

 9F1E5A

 F875A6

 820042

 FF90C1

 66002C

 FFACDD

 4A0018

 FFC9F9

 300002

 FFE6FF

 000000

 BC3D72

 BC3D72

 BC2A67

 BC507D

 BC175C

 BC6388

 BC0551

 BC7593

 BC004E

 BC889E

 BC9BA9

 BCAEB4

 BCC1BF

 BCD3CA

 BCE6D5

# Harmonies

## Analogous

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



A14C9F



BC3D72



BD4344

# Triad

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



BC3D72



58770A



007EBB

# Complementary

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



BC3D72



3DBC87

# 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.



008297



BC3D72



007E39

# Square

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



BC3D72



856A00



008268



0073CA

# Rectangle

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



BC3D72



B15029



008268



0080B1



# Sweetspot

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



BC3D72



F5C4D8



853DBC



7A5D69



FAFAFA



7A7A7A



# Same Dimension

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



BC3D72



F52F81



BC453D



5E5559



9E0042



1F000D



# Inverse Universe

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



BC3D72



F52F81



3DB4BC



5E5559



9E0042



1F000D



# Previews

## White Background



This preview shows how the Hex color BC3D72 looks on a white background.

## Color Contrast Check

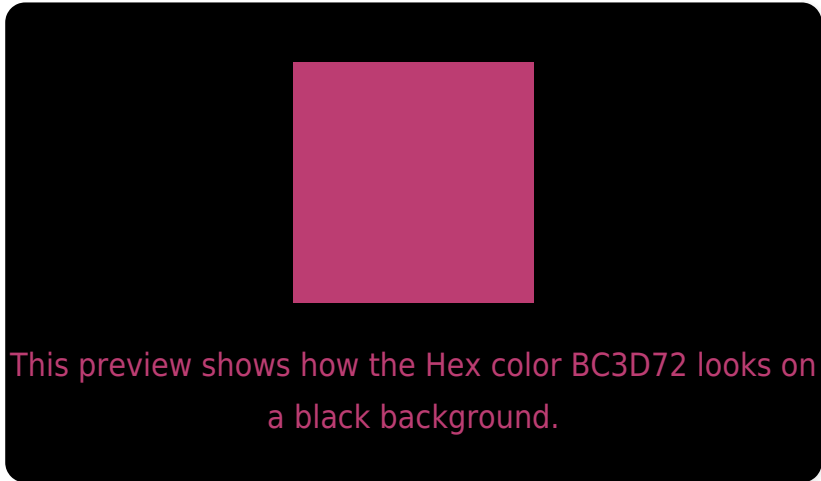
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC3D72 Background



This preview shows how black text looks on a background with the Hex color BC3D72.



This preview shows how white text looks on a background with the Hex color BC3D72.

# 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**  
B9464B

# Trichromacy



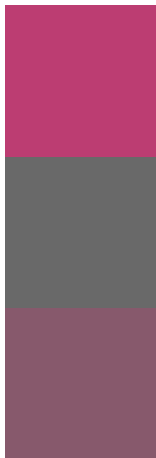
**Original Color**  
BC3D72

**Protanomaly**  
845B85

**Deuteranomaly**  
915A6E

**Tritanomaly**  
BA4359

# Monochromacy



**Original Color**  
BC3D72

**Achromatopsia**  
696969

**Achromatomaly**  
87596C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC3D72 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 #BC3D72 looks like.

```
.text, #text, p{  
    color:#BC3D72  
}
```

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 #BC3D72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC3D72
}
```

## Border

The CSS property to change the border of an element to Hex BC3D72 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
#BC3D72 }
```

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

```
.border{ border-color:#BC3D72 }
```

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

Here you see how a box with a 4 pixel #BC3D72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC3D72; -webkit-box-shadow:4px 4px  
4px 4px #BC3D72; box-shadow:4px 4px 4px  
4px #BC3D72 }
```

# Background

The CSS property to change the background color of an element to Hex BC3D72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC3D72 }
```

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

```
.background{ background-color:#BC3D72 }
```

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