

# Converting Colors

Hex(BC3953)

Have a look what the booklet for  
Hex(BC3953) contains.

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# Color

**Hex(BC3953)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC3953
RGB	188, 57, 83
RGB Percent	74%, 22%, 33%
CMY	0.2627, 0.7765, 0.6745
CMYK	0.00, 0.70, 0.56, 0.26
HSL	348°, 53%, 48%
HSV	348°, 70%, 74%
XYZ	23.7635, 14.2422, 9.6801
YIQ	99.1330, 69.7300, 35.8580

# Conversions

## Conversions Part 2

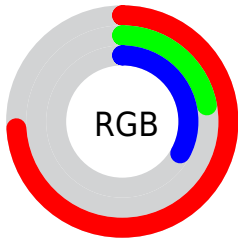
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">188, 57, 83</a>
Decimal	<a href="#">12335443</a>
CIELab	<a href="#">44.58, 53.87, 15.18</a>
CIELCh	<a href="#">45, 55.973, 15.738</a>
Yxy	<a href="#">14.2422, 0.4983, 0.2987</a>
Android (android.graphics.Color)	<a href="#">4290525523</a> ( <a href="#">0xFFBC3953</a> )
YUV	<a href="#">99.1330, -7.9536, 77.9364</a>
Hunter-Lab	<a href="#">37.7388, 46.3557, 11.2090</a>

# Details

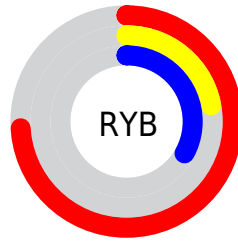
The Hex color **BC3953** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **39BCA2**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **F97184**, and **810027** is the 20% darker color. If you saturate the color by 10%, you get **BC2644**, and if you desaturate by 10%, it is **BC4C62**.

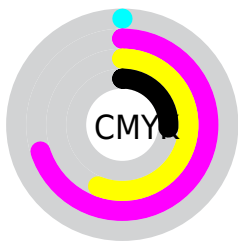
# Distribution



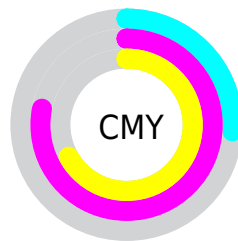
- Red (74%)
- Green (22%)
- Blue (33%)



- Red (74%)
- Yellow (22%)
- Blue (33%)



- Cyan (0%)
- Magenta (70%)
- Yellow (56%)
- Black (26%)



- Cyan (26%)
- Magenta (78%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC3953 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 BC3953 by changing the saturation by 10% instead.



 BC3953

 BC3953

FFFFFF

 9E193C

 F97184

 810027

 FF8C9E

 640013

 FFA8B9

 470001

 FFC5D5

 2B0001

 FFE2F1

 000000

 BC3953

 BC3953

 BC2644

 BC4C62

 BC1335

 BC5F71

 BC0126

 BC7180

 BC0025

 BC848F

 BC979E

 BCAAAD

 BCBDBC

 BCCFCC

 BCE2DB

# Harmonies

## Analogous

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



B13C82



BC3953



AF4A28

# Triad

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



BC3953



2F7822



0075C4

# Complementary

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



BC3953



39BCA2

# 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.



007DAC



BC3953



007D51

# Square

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



BC3953



686F00



007F81



3266C4

# Rectangle

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



BC3953



9D5909



007F81



0078BE



# Sweetspot

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



BC3953



F5C1CC



A239BC



7A5C62



FAFAFA



7A7A7A



# Same Dimension

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



BC3953



F52750



BC6039



5E5557



9E001F



1F0006



# Inverse Universe

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



BC3953



F52750



3995BC



5E5557



9E001F



1F0006



# Previews

## White Background



This preview shows how the Hex color BC3953 looks on a white background.

## Color Contrast Check

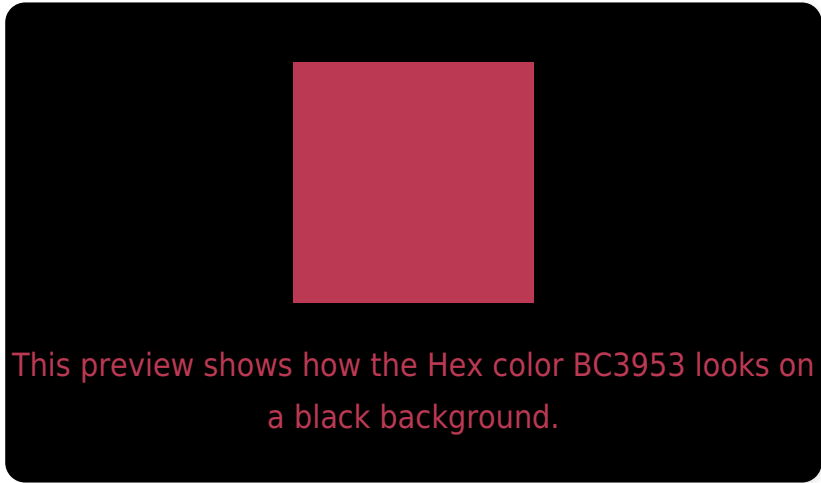
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC3953 Background



This preview shows how black text looks on a background with the Hex color BC3953.

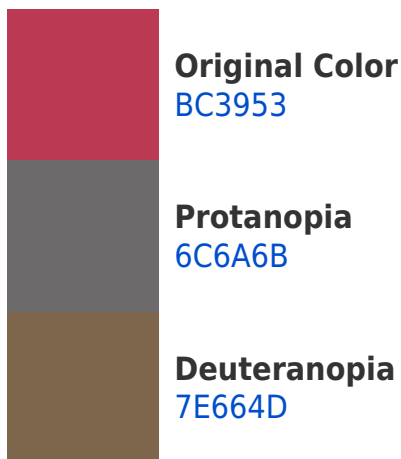



This preview shows how white text looks on a background with the Hex color BC3953.

# 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](#).

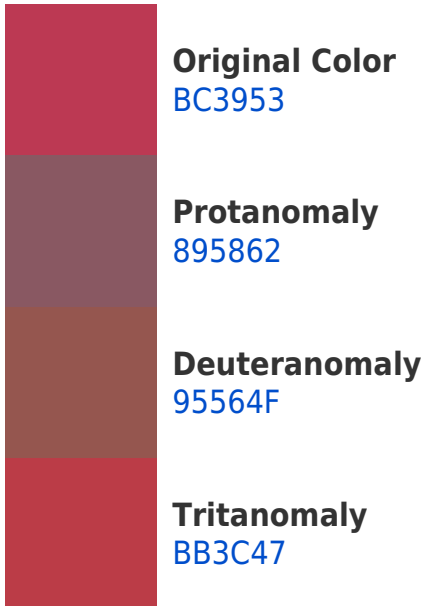
## Dichromacy





**Tritanopia**  
BB3D40

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC3953 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 #BC3953 looks like.

```
.text, #text, p{  
    color:#BC3953  
}
```

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 #BC3953 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC3953
}
```

## Border

The CSS property to change the border of an element to Hex BC3953 is called "border". The border property can be set on classes, ids or directly on the HTML element.

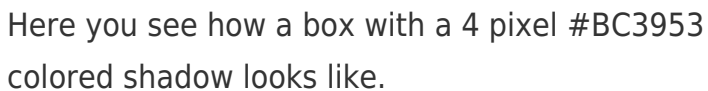
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC3953 }
```

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

```
.border{ border-color:#BC3953 }
```

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



Here you see how a box with a 4 pixel `#BC3953` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC3953; -webkit-box-shadow:4px 4px  
4px 4px #BC3953; box-shadow:4px 4px 4px  
4px #BC3953 }
```

# Background

The CSS property to change the background color of an element to Hex BC3953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC3953 }
```

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

```
.background{ background-color:#BC3953 }
```

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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