

# Converting Colors

Hex(BF333D)

Have a look what the booklet for  
Hex(BF333D) contains.

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# Color

**Hex(BF333D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF333D
RGB	191, 51, 61
RGB Percent	75%, 20%, 24%
CMY	0.2510, 0.8000, 0.7608
CMYK	0.00, 0.73, 0.68, 0.25
HSL	356°, 58%, 47%
HSV	356°, 73%, 75%
XYZ	23.5120, 13.7809, 5.8356
YIQ	94.0000, 80.2300, 32.7900

# Conversions

## Conversions Part 2

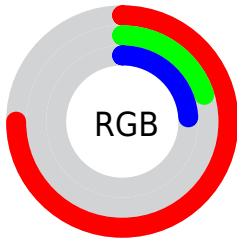
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 51, 61
Decimal	12530493
CIE Lab	43.92, 55.61, 27.90
CIE LCh	44, 62.216, 26.643
Yxy	13.7809, 0.5452, 0.3195
Android (android.graphics.Color)	4290720573 (0xFFBF333D)
YUV	94.0000, -16.2690, 85.0690
Hunter-Lab	37.1227, 48.0899, 16.6656

# Details

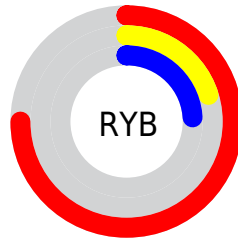
The Hex color **BF333D** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **33BFB5**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FD6C6C**, and **820013** is the 20% darker color. If you saturate the color by 10%, you get **BF202B**, and if you desaturate by 10%, it is **BF464F**.

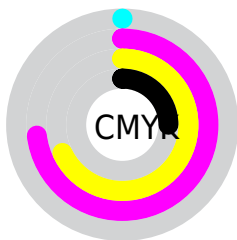
# Distribution



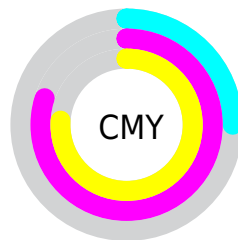
- Red (75%)
- Green (20%)
- Blue (24%)



- Red (75%)
- Yellow (20%)
- Blue (24%)



- Cyan (0%)
- Magenta (73%)
- Yellow (68%)
- Black (25%)



- Cyan (25%)
- Magenta (80%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF333D 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 BF333D by changing the saturation by 10% instead.



 BF333D

 BF333D

FFFFFF

 A00E27

 FD6C6C

 820013

 FF8786

 640000

 FFA3A0

 470001

 FFC0BB

 2A0001

 FFDD7

 000000

 FFFAF3

 BF333D

 BF333D

 BF202B

 BF464F

 BF0D1A

 BF5960

 BF000E

 BF6C72

 BF7F84

 BF9396

 BFA6A7

 BFB9B9

 BFCCCB

 BFDFDD

# Harmonies

## Analogous

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



BE2A70



BF333D



A94D06

# Triad

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



BF333D



007A2A



0070D0

# Complementary

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



BF333D



33BFB5

# 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.



007BBE



BF333D



007E60

# Square

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



BF333D



517200



007E95



565DC5

# Rectangle

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



BF333D



915D00



007E95



0075CD



# Sweetspot

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



BF333D



F7C1C5



B333BF



7D5C5F



FCFCFC



7D7D7D



# Same Dimension

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



BF333D



F71E2D



BF6D33



5E5556



9E000B



1F0002



# Inverse Universe

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



BF333D



F71E2D



3385BF



5E5556



9E000B



1F0002



# Previews

## White Background



This preview shows how the Hex color BF333D looks on a white background.

## Color Contrast Check

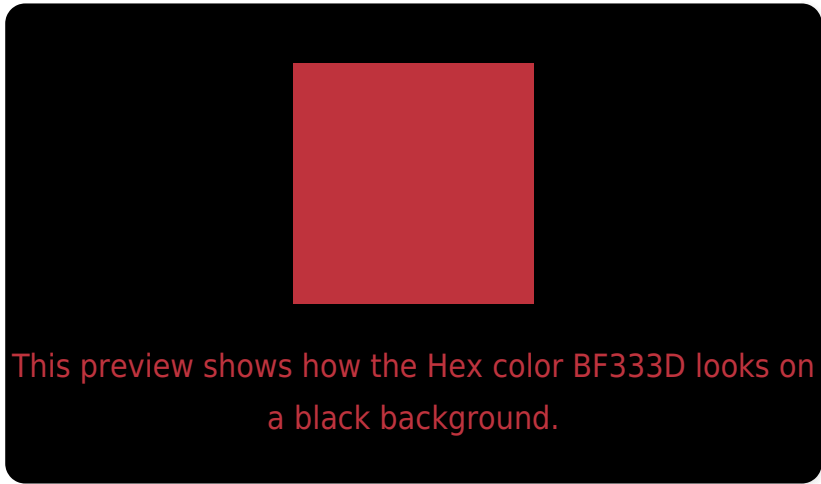
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF333D Background



This preview shows how black text looks on a background with the Hex color BF333D.

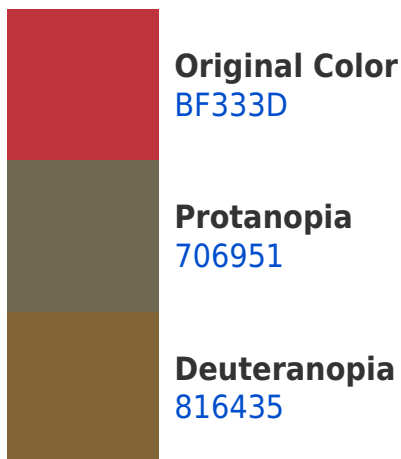


This preview shows how white text looks on a background with the Hex color BF333D.

# 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**  
BF333D

**Protanomaly**  
8D554A

**Deuteranomaly**  
985238

**Tritanomaly**  
BF3439

# Monochromacy



**Original Color**  
BF333D

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
814E52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF333D 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 #BF333D looks like.

```
.text, #text, p{  
    color:#BF333D  
}
```

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 #BF333D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF333D
}
```

## Border

The CSS property to change the border of an element to Hex BF333D is called "border". The border property can be set on classes, ids or directly on the HTML element.

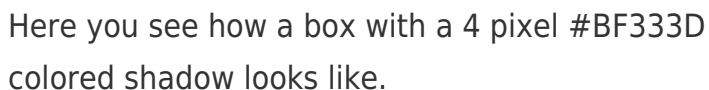
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF333D }
```

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

```
.border{ border-color:#BF333D }
```

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



Here you see how a box with a 4 pixel `#BF333D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF333D; -webkit-box-shadow:4px 4px  
4px 4px #BF333D; box-shadow:4px 4px 4px  
4px #BF333D }
```

# Background

The CSS property to change the background color of an element to Hex BF333D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF333D }
```

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

```
.background{ background-color:#BF333D }
```

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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