

# Converting Colors

Hex(BC413F)

Have a look what the booklet for  
Hex(BC413F) contains.

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# Color

**Hex(BC413F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC413F
RGB	188, 65, 63
RGB Percent	74%, 25%, 25%
CMY	0.2627, 0.7451, 0.7529
CMYK	0.00, 0.65, 0.66, 0.26
HSL	1°, 50%, 49%
HSV	1°, 66%, 74%
XYZ	23.5265, 14.8308, 6.3253
YIQ	101.5490, 73.9500, 25.4540

# Conversions

## Conversions Part 2

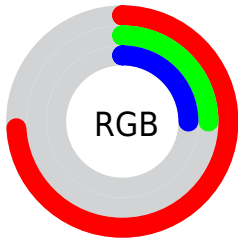
Format	Color
R <sub>Y</sub> B	188, 65, 63
Decimal	12337471
CIE Lab	45.40, 49.28, 28.41
CIE LCh	45, 56.877, 29.963
Yxy	14.8308, 0.5265, 0.3319
Android (android.graphics.Color)	4290527551 (0xFFBC413F)
YUV	101.5490, -19.0047, 75.8175
Hunter-Lab	38.5108, 41.6530, 17.2194

# Details

The Hex color **BC413F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3FBABC**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FA776F**, and **800014** is the 20% darker color. If you saturate the color by 10%, you get **BC2F2C**, and if you desaturate by 10%, it is **BC5352**.

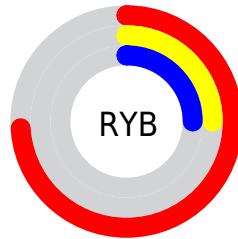
# Distribution



Red (74%)

Green (25%)

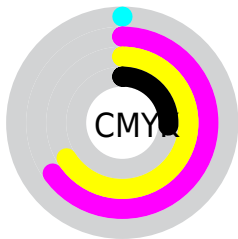
Blue (25%)



Red (74%)

Yellow (25%)

Blue (25%)

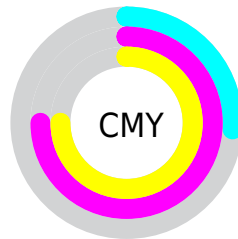


Cyan (0%)

Magenta (65%)

Yellow (66%)

Black (26%)



Cyan (26%)

Magenta (75%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC413F 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 BC413F by changing the saturation by 10% instead.



 BC413F

 BC413F

FFFFFFF

 9E2529

 FA776F

 800014

 FF9288

 630000

 FFAEA3

 460000

 FFCABE

 2A0001

 FFE7D9

 000000

 FFFFF6

 BC413F

 BC413F

 BC2F2C

 BC5352

 BC1C19

 BC6665

 BC0A07

 BC7877

 BC0300

 BC8B8A

 BC9D9D

 BCB0B0

 BCC2C3

 BCD5D5

 BCE7E8

# Harmonies

## Analogous

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



BD386E



BC413F



A65613

# Triad

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



BC413F



007E39



0071CB

# Complementary

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



BC413F



3FBABC

# 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.



007CBE



BC413F



00816A

# Square

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



BC413F



527605



00819A



685FBE

# Rectangle

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



BC413F



8F6400



00819A



0076C9



# Sweetspot

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



BC413F



F5C5C4



BC3FBC



7A5D5D



FAFAFA



7A7A7A



# Same Dimension

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



BC413F



F53431



BC7E3F



5E5555



9E0300



1F0000



# Inverse Universe

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



3FBABC



31F2F5



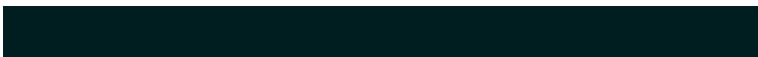
3F7EBC



555E5E



009C9E

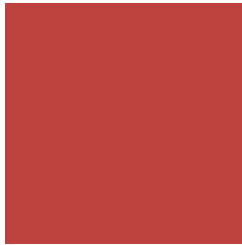


001E1F



# Previews

## White Background



This preview shows how the Hex color BC413F looks on a white background.

## Color Contrast Check

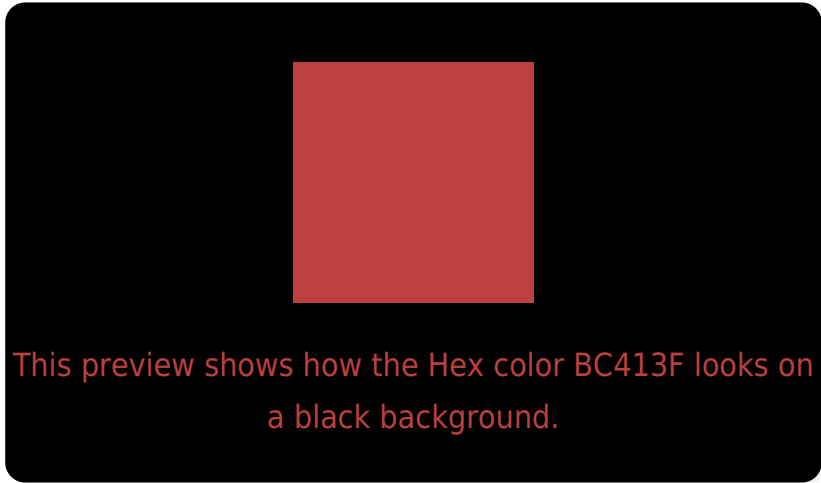
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC413F Background



This preview shows how black text looks on a background with the Hex color BC413F.



This preview shows how white text looks on a background with the Hex color BC413F.

# 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



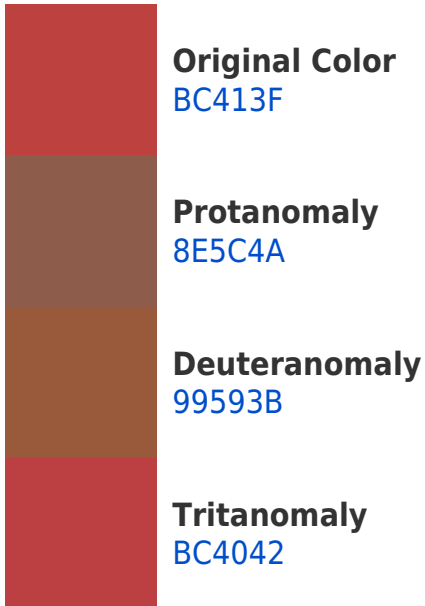
**Original Color**  
BC413F

**Protanopia**  
746C50

**Deuteranopia**  
856738



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC413F 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 #BC413F looks like.

```
.text, #text, p{  
    color:#BC413F  
}
```

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 #BC413F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC413F
}
```

## Border

The CSS property to change the border of an element to Hex BC413F is called "border". The border property can be set on classes, ids or directly on the HTML element.

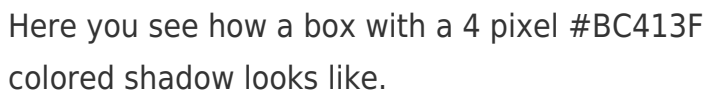
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC413F }
```

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

```
.border{ border-color:#BC413F }
```

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

A rectangular box with a 4px red shadow. The box is white with a thin red border. The shadow is a solid red color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel `#BC413F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC413F; -webkit-box-shadow:4px 4px  
4px 4px #BC413F; box-shadow:4px 4px 4px  
4px #BC413F }
```

# Background

The CSS property to change the background color of an element to Hex BC413F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC413F }
```

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

```
.background{ background-color:#BC413F }
```

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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