

# Converting Colors

Hex(BE3B38)

Have a look what the booklet for  
Hex(BE3B38) contains.

<b>Hex(BE3B38)</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(**BE3B38**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE3B38
RGB	190, 59, 56
RGB Percent	75%, 23%, 22%
CMY	0.2549, 0.7686, 0.7804
CMYK	0.00, 0.69, 0.71, 0.25
HSL	1°, 54%, 48%
HSV	1°, 71%, 75%
XYZ	23.5130, 14.3606, 5.2740
YIQ	97.8270, 79.0390, 26.8390

# Conversions

## Conversions Part 2

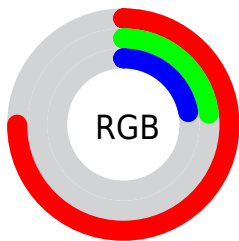
Format	Color
R <sub>Y</sub> B	190, 59, 56
Decimal	12467000
CIE Lab	44.75, 52.04, 31.83
CIE LCh	45, 61.004, 31.450
Yxy	14.3606, 0.5449, 0.3328
Android (android.graphics.Color)	4290657080 (0xFFBE3B38)
YUV	97.8270, -20.6207, 80.8357
Hunter-Lab	37.8954, 44.4371, 18.2753

# Details

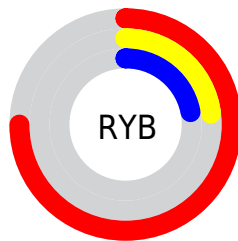
The Hex color **BE3B38** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **38BBBE**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FC7267**, and **81000D** is the 20% darker color. If you saturate the color by 10%, you get **BE2825**, and if you desaturate by 10%, it is **BE4E4B**.

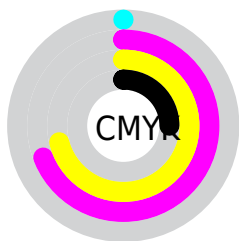
# Distribution



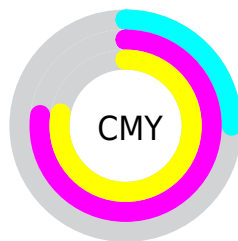
- Red (75%)
- Green (23%)
- Blue (22%)



- Red (75%)
- Yellow (23%)
- Blue (22%)



- Cyan (0%)
- Magenta (69%)
- Yellow (71%)
- Black (25%)



- Cyan (25%)
- Magenta (77%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE3B38 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 BE3B38 by changing the saturation by 10% instead.



 BE3B38

 BE3B38

FFFFFF

 9F1C22

 FC7267

 81000D

 FF8D80

 640000

 FFA99B

 460000

 FFC6B5

 2A0001

 FFE2D1

 000000

 FFFFED

 BE3B38

 BE3B38

 BE2825

 BE4E4B

 BE1612

 BE605E

 BE0400

 BE7371

 BE8584

 BE9897

 BEAAAA

 BEBDBD

 BED0D0

 BEE2E3

# Harmonies

## Analogous

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



C12E6A



BE3B38



A55401

# Triad

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



BE3B38



007D36



006FD0

# Complementary

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



BE3B38



38BBBE

# 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.



007BC3



BE3B38



00806B

# Square

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



BE3B38



4A7600



00809E



695BC1

# Rectangle

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



BE3B38



8C6200



00809E



0074CF



# Sweetspot

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



BE3B38



F7C5C3



BE38BC



7D5E5E



FCFCFC



7D7D7D



# Same Dimension

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



BE3B38



F72A25



BE7D38



5E5555



9E0400



1F0100



# Inverse Universe

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



38BBBE



25F3F7



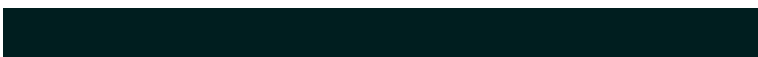
3879BE



555E5E



009B9E



001E1F



# Previews

## White Background



This preview shows how the Hex color BE3B38 looks on a white background.

## Color Contrast Check

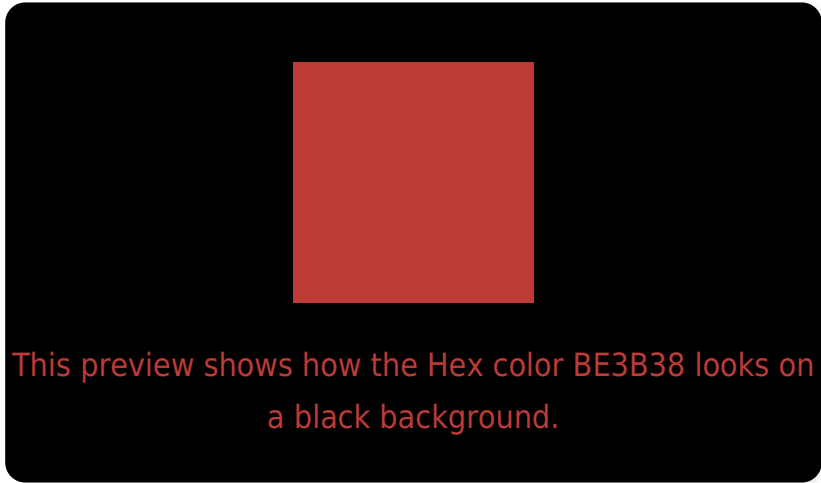
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE3B38 Background



This preview shows how black text looks on a background with the Hex color BE3B38.



This preview shows how white text looks on a background with the Hex color BE3B38.

# 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**  
BE3B38

**Protanopia**  
736B49

**Deuteranopia**  
846530



# Trichromacy



**Original Color**  
BE3B38

**Protanomaly**  
8E5A43

**Deuteranomaly**  
995633

**Tritanomaly**  
BE3A3B

# Monochromacy



**Original Color**  
BE3B38

**Achromatopsia**  
626262

**Achromatomaly**  
835453

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE3B38 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 #BE3B38 looks like.

```
.text, #text, p{  
    color:#BE3B38  
}
```

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 #BE3B38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE3B38
}
```

## Border

The CSS property to change the border of an element to Hex BE3B38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

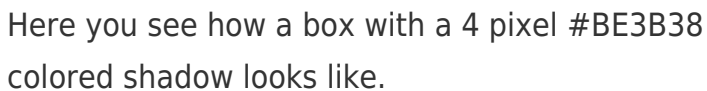
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE3B38 }
```

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

```
.border{ border-color:#BE3B38 }
```

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



Here you see how a box with a 4 pixel `#BE3B38` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE3B38; -webkit-box-shadow:4px 4px  
4px 4px #BE3B38; box-shadow:4px 4px 4px  
4px #BE3B38 }
```

# Background

The CSS property to change the background color of an element to Hex BE3B38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE3B38 }
```

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

```
.background{ background-color:#BE3B38 }
```

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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