

# Converting Colors

Hex(BE2B37)

Have a look what the booklet for  
Hex(BE2B37) contains.

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# Color

**Hex(BE2B37)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | BE2B37                    |
| RGB         | 190, 43, 55               |
| RGB Percent | 75%, 17%, 22%             |
| CMY         | 0.2549, 0.8314, 0.7843    |
| CMYK        | 0.00, 0.77, 0.71, 0.25    |
| HSL         | 355°, 63%, 46%            |
| HSV         | 355°, 77%, 75%            |
| XYZ         | 22.7887, 12.9507, 4.9131  |
| YIQ         | 88.3210, 83.7600, 34.8960 |

# Conversions

## Conversions Part 2

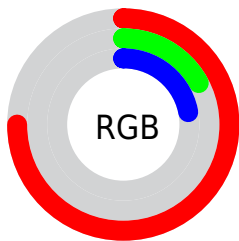
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 190, 43, 55                   |
| Decimal                             | 12462903                      |
| CIE Lab                             | 42.69, 57.65, 29.99           |
| CIE LCh                             | 43, 64.983, 27.480            |
| Yxy                                 | 12.9507, 0.5606,<br>0.3186    |
| Android<br>(android.graphics.Color) | 4290652983<br>(0xFFBE2B37)    |
| YUV                                 | 88.3210, -16.4273,<br>89.1725 |
| Hunter-Lab                          | 35.9871, 50.0567,<br>17.0965  |

# Details

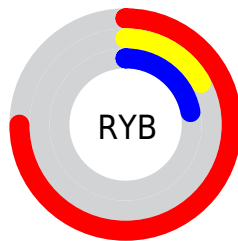
The Hex color **BE2B37** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2BBEB2**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FD6666**, and **81000D** is the 20% darker color. If you saturate the color by 10%, you get **BE1826**, and if you desaturate by 10%, it is **BE3E48**.

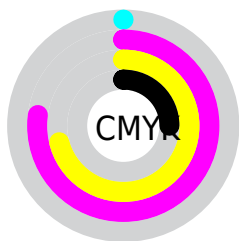
# Distribution



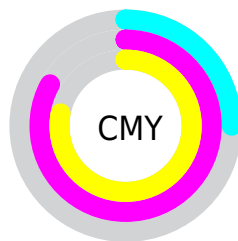
- Red (75%)
- Green (17%)
- Blue (22%)



- Red (75%)
- Yellow (17%)
- Blue (22%)



- Cyan (0%)
- Magenta (77%)
- Yellow (71%)
- Black (25%)



- Cyan (25%)
- Magenta (83%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE2B37 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 BE2B37 by changing the saturation by 10% instead.



 BE2B37

 BE2B37

FFFFFF

 9F0022

 FD6666

 81000D

 FF827F

 630000

 FF9E99

 460002

 FFBAB4

 270001

 FFD7CF

 000000

 FFF5EC

 BE2B37

 BE2B37

 BE1826

 BE3E48

 BE0514

 BE515A

 BE0010

 BE646B

 BE777D

 BE8A8E

 BE9DA0

 BEB0B1

 BEC3C3

 BED6D4

# Harmonies

## Analogous

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



BE1D6C



BE2B37



A64A00

# Triad

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



BE2B37



007825



006DD1

# Complementary

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



BE2B37



2BBE2

# 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.



0078BF



BE2B37



007B5E

# Square

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



BE2B37



4A7000



007C95



5358C5

# Rectangle

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



BE2B37



8D5A00



007C95



0072CF



# Sweetspot

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



BE2B37



F7BEC3



B22BBE



7D5A5D



FCFCFC



7D7D7D



# Same Dimension

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



BE2B37



F71124



BE682B



5E5556



9E000D



1F0002



# Inverse Universe

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



BE2B37



F71124



2B81BE



5E5556



9E000D



1F0002



# Previews

## White Background



This preview shows how the Hex color BE2B37 looks on a white background.

## Color Contrast Check

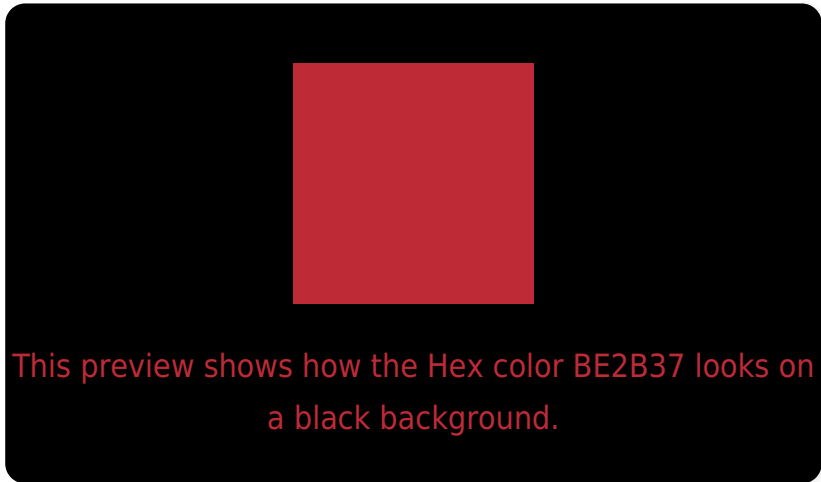
Large Text (above 18pt) WCAG AA ✓ Pass

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 BE2B37 Background



This preview shows how black text looks on a background with the Hex color BE2B37.



This preview shows how white text looks on a background with the Hex color BE2B37.

# 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**  
BE2B37

**Protanomaly**  
8A5144

**Deuteranomaly**  
954D31

**Tritanomaly**  
BE2C31

# Monochromacy



**Original Color**  
BE2B37

**Achromatopsia**  
585858

**Achromatomaly**  
7D484C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE2B37 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 #BE2B37 looks like.

```
.text, #text, p{  
    color:#BE2B37  
}
```

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 #BE2B37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE2B37
}
```

## Border

The CSS property to change the border of an element to Hex BE2B37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

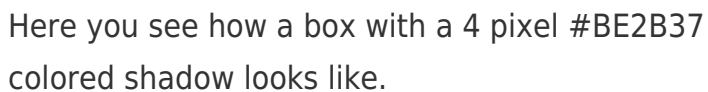
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BE2B37 }
```

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

```
.border{ border-color:#BE2B37 }
```

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



Here you see how a box with a 4 pixel `#BE2B37` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE2B37; -webkit-box-shadow:4px 4px  
4px 4px #BE2B37; box-shadow:4px 4px 4px  
4px #BE2B37 }
```

# Background

The CSS property to change the background color of an element to Hex BE2B37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE2B37 }
```

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

```
.background{ background-color:#BE2B37 }
```

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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