

Converting Colors

Hex(B53E31)

Have a look what the booklet for
Hex(B53E31) contains.

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Color

Hex(B53E31)

Conversions

Conversions Part 1

Format	Color
Hex	B53E31
RGB	181, 62, 49
RGB Percent	71%, 24%, 19%
CMY	0.2902, 0.7569, 0.8078
CMYK	0.00, 0.66, 0.73, 0.29
HSL	6°, 57%, 45%
HSV	6°, 73%, 71%
XYZ	21.3331, 13.4908, 4.3853
YIQ	96.0990, 75.0970, 21.1850

Conversions

Conversions Part 2

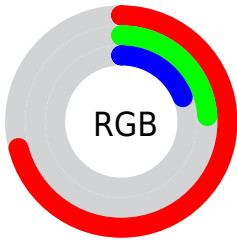
Format	Color
R_{YB}	181, 63, 49
Decimal	11877937
CIE Lab	43.49, 47.42, 34.02
CIE LCh	43, 58.363, 35.654
Yxy	13.4908, 0.5441, 0.3441
Android (android.graphics.Color)	4290068017 (0xFFB53E31)
YUV	96.0990, -23.2198, 74.4582
Hunter-Lab	36.7298, 39.3977, 18.6319

Details

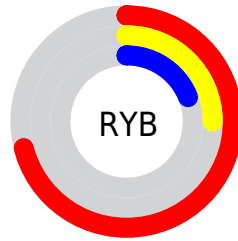
The Hex color **B53E31** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **31A8B5**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **F37360**, and **790004** is the 20% darker color. If you saturate the color by 10%, you get **B52E1F**, and if you desaturate by 10%, it is **B54E43**.

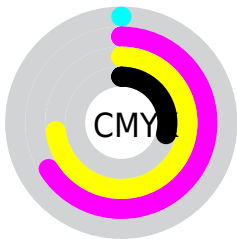
Distribution



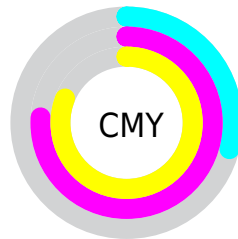
- Red (71%)
- Green (24%)
- Blue (19%)



- Red (71%)
- Yellow (25%)
- Blue (19%)



- Cyan (0%)
- Magenta (66%)
- Yellow (73%)
- Black (29%)



- Cyan (29%)
- Magenta (76%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color B53E31 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 B53E31 by changing the saturation by 10% instead.

 B53E31

 B53E31

FFFFFF

 97221B

 F37360

 790004

 FF8E79

 5B0000

 FFAA93

 3F0001

 FFC6AE

 210001

 FFE3C9

 000000

 FFFF E5

 B53E31

 B53E31

 B52E1F

 B54E43

 B51D0D

 B55F55

 B51200

 B56F67

 B57F79

 B5908C

 B5A09E

 B5B0B0

 B5C1C2

 B5D1D4

Harmonies

Analogous

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



BB2F60



B53E31



9B5500

Triad

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



B53E31



007A3C



006AC8

Complementary

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



B53E31



31A8B5

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.



0076BF



B53E31



007C6F

Square

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



B53E31



417304



007C9E



7255B6

Rectangle

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



B53E31



826200



007C9E



006FC8

Sweetspot

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



B53E31



EBBCB7



B531AA



755A57



F5F5F5



757575

Same Dimension

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



B53E31



EB301C



B57E31



595150



990F00



1A0300

Inverse Universe

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



31A8B5



1CD6EB



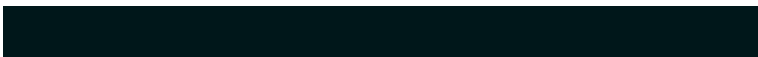
3168B5



505859



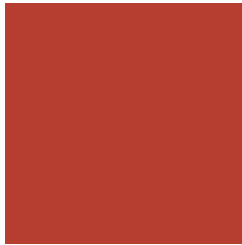
008A99



00171A

Previews

White Background



This preview shows how the Hex color B53E31 looks on a white background.

Color Contrast Check

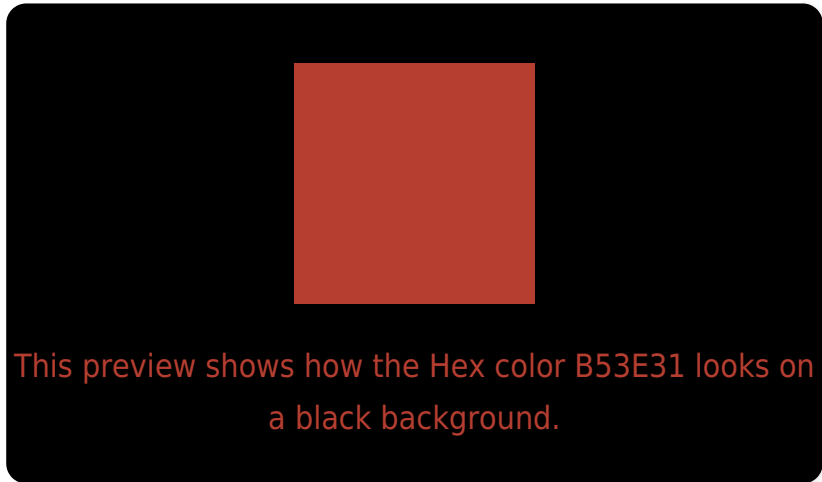
Large Text (above 18pt) WCAG AA ✓ Pass

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 B53E31 Background



This preview shows how black text looks on a background with the Hex color B53E31.



This preview shows how white text looks on a background with the Hex color B53E31.

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
B53E31

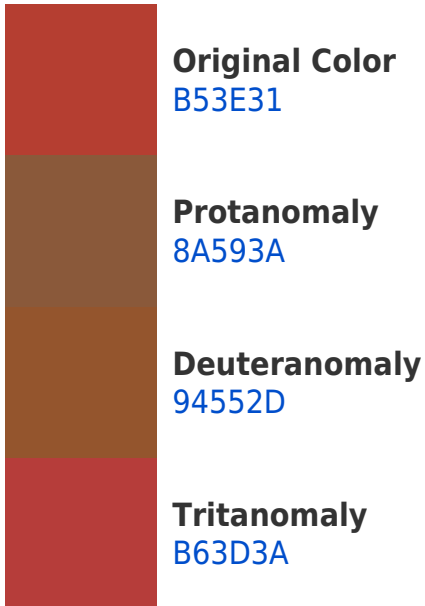
Protanopia
71683F

Deuteranopia
81622A



Tritanopia
B63C3F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B53E31 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 #B53E31 looks like.

```
.text, #text, p{  
    color:#B53E31  
}
```

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 #B53E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B53E31
}
```

Border

The CSS property to change the border of an element to Hex B53E31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

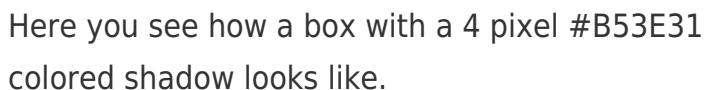
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B53E31 }
```

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

```
.border{ border-color:#B53E31 }
```

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



Here you see how a box with a 4 pixel #B53E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B53E31; -webkit-box-shadow:4px 4px  
4px 4px #B53E31; box-shadow:4px 4px 4px  
4px #B53E31 }
```

Background

The CSS property to change the background color of an element to Hex B53E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B53E31 }
```

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

```
.background{ background-color:#B53E31 }
```

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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