

Converting Colors

Hex(B53331)

Have a look what the booklet for
Hex(B53331) contains.

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Color

Hex(B53331)

Conversions

Conversions Part 1

Format	Color
Hex	B53331
RGB	181, 51, 49
RGB Percent	71%, 20%, 19%
CMY	0.2902, 0.8000, 0.8078
CMYK	0.00, 0.72, 0.73, 0.29
HSL	1°, 57%, 45%
HSV	1°, 73%, 71%
XYZ	20.7943, 12.4132, 4.2057
YIQ	89.6420, 78.1220, 26.9380

Conversions

Conversions Part 2

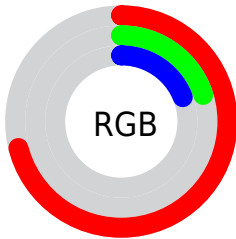
Format	Color
R_{YB}	181, 51, 49
Decimal	11875121
CIE _{Lab}	41.87, 51.86, 32.16
CIE _{LCh}	42, 61.024, 31.805
Yxy	12.4132, 0.5558, 0.3318
Android (android.graphics.Color)	4290065201 (0xFFB53331)
YUV	89.6420, -20.0365, 80.1210
Hunter-Lab	35.2323, 43.6949, 17.5851

Details

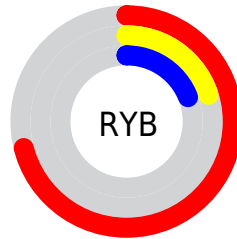
The Hex color **B53331** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **31B3B5**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **F36A60**, and **790004** is the 20% darker color. If you saturate the color by 10%, you get **B5211F**, and if you desaturate by 10%, it is **B54543**.

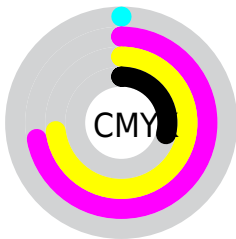
Distribution



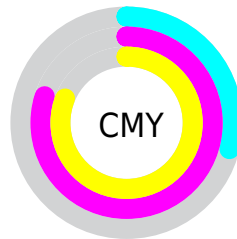
- Red (71%)
- Green (20%)
- Blue (19%)



- Red (71%)
- Yellow (20%)
- Blue (19%)



- Cyan (0%)
- Magenta (72%)
- Yellow (73%)
- Black (29%)



- Cyan (29%)
- Magenta (80%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color B53331 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 B53331 by changing the saturation by 10% instead.

 B53331

 B53331

FFFFFF

 97111C

 F36A60

 790004

 FF8679

 5B0000

 FFA192

 3F0002

 FFBDAD

 1E0001

 FFDAC8

 000000

 FFF8E5

 B53331

 B53331

 B5211F

 B54543

 B50F0D

 B55755

 B50300

 B56867

 B57A79

 B58C8C

 B59E9E

 B5B0B0

 B5C2C2

 B5D3D4

Harmonies

Analogous

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



B92462



B53331



9C4D00

Triad

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



B53331



007630



0068C8

Complementary

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



B53331



31B3B5

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.



0074BC



B53331



007865

Square

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



B53331



426F00



007897



6254B9

Rectangle

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



B53331



835C00



007897



006DC7

Sweetspot

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



B53331



EBB8B7



B531B5



755757



F5F5F5



757575

Same Dimension

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



B53331



EB1F1C



B57331



595050



990200



1A0000

Inverse Universe

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



31B3B5



1CE7EB



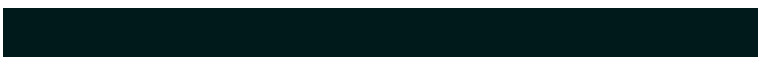
3173B5



505959



009799



00191A

Previews

White Background



This preview shows how the Hex color B53331 looks on a white background.

Color Contrast Check

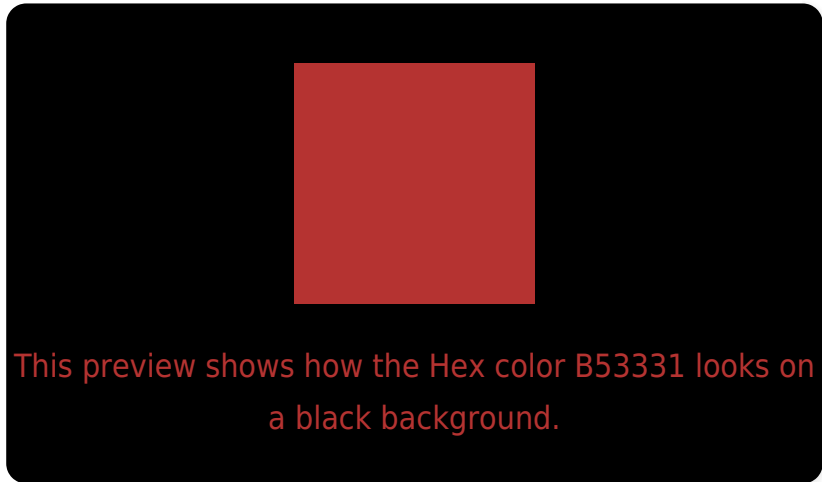
Large Text (above 18pt) WCAG AA ✓ Pass

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 B53331 Background



This preview shows how black text looks on a background with the Hex color B53331.



This preview shows how white text looks on a background with the Hex color B53331.

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



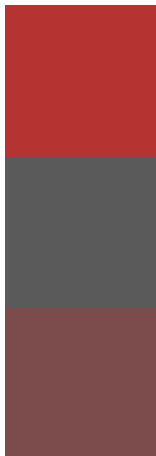
Original Color
B53331

Protanomaly
87523B

Deuteranomaly
914F2C

Tritanomaly
B53234

Monochromacy



Original Color
B53331

Achromatopsia
5A5A5A

Achromatomaly
7B4C4B

CSS Examples

Text

The CSS property to change the color of the text to Hex B53331 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 #B53331 looks like.

```
.text, #text, p{  
    color:#B53331  
}
```

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 #B53331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B53331
}
```

Border

The CSS property to change the border of an element to Hex B53331 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".

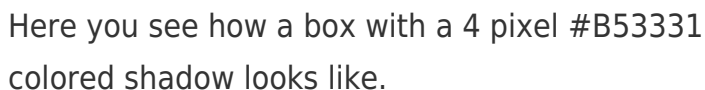
```
.border, #border, table{ border:4px solid
#B53331 }
```

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

```
.border{ border-color:#B53331 }
```

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

Here you see how a box with a 4 pixel #B53331 colored shadow looks like.

A rectangular box with a thick red border and a red drop shadow. The box is white with a red border and a red shadow that is offset to the right and bottom.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B53331; -webkit-box-shadow:4px 4px  
4px 4px #B53331; box-shadow:4px 4px 4px  
4px #B53331 }
```

Background

The CSS property to change the background color of an element to Hex B53331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B53331 }
```

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

```
.background{ background-color:#B53331 }
```

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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