

# Converting Colors

Hex(B55351)

Have a look what the booklet for  
Hex(B55351) contains.

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# Color

**Hex(B55351)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B55351
RGB	181, 83, 81
RGB Percent	71%, 33%, 32%
CMY	0.2902, 0.6745, 0.6824
CMYK	0.00, 0.54, 0.55, 0.29
HSL	1°, 40%, 51%
HSV	1°, 55%, 71%
XYZ	23.6345, 16.6044, 9.7439
YIQ	112.0740, 59.0500, 20.1540

# Conversions

## Conversions Part 2

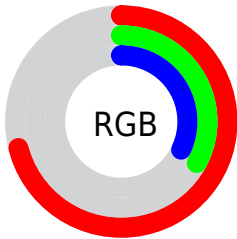
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 83, 81
Decimal	11883345
CIE <sub>Lab</sub>	47.76, 39.60, 20.47
CIE <sub>LCh</sub>	48, 44.577, 27.334
Yxy	16.6044, 0.4729, 0.3322
Android (android.graphics.Color)	4290073425 (0xFFB55351)
YUV	112.0740, -15.3195, 60.4481
Hunter-Lab	40.7484, 32.2221, 14.3463

# Details

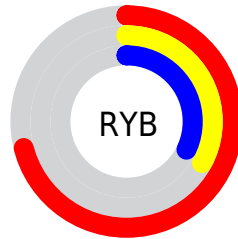
The Hex color **B55351** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **51B3B5**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **F18782**, and **7B1F24** is the 20% darker color. If you saturate the color by 10%, you get **B5413F**, and if you desaturate by 10%, it is **B56563**.

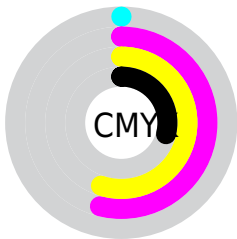
# Distribution



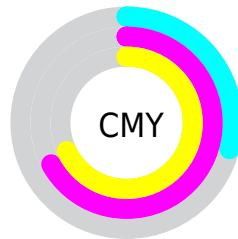
- Red (71%)
- Green (33%)
- Blue (32%)



- Red (71%)
- Yellow (33%)
- Blue (32%)



- Cyan (0%)
- Magenta (54%)
- Yellow (55%)
- Black (29%)



- Cyan (29%)
- Magenta (67%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B55351 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 B55351 by changing the saturation by 10% instead.



 B55351

 B55351

FFFFFF

 983A3A

 F18782

 7B1F24

 FFA29C

 5F0010

 FFBE87

 440000

 FFDAD3

 2B0001

 FFF7EF

 000000

 B55351

 B55351

 B5413F

 B56563

 B5302D

 B57675

 B51E1B

 B58887

 B50C09

 B59A99

 B50400

 B5ACAC

 B5BDBE

 B5CFD0

 B5E1E2

 B5F3F4

# Harmonies

## Analogous

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



B35076



B55351



A56032

# Triad

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



B55351



318047



0076BC

# Complementary

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



B55351



51B3B5

# 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.



007FB0



B55351



00836D

# Square

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



B55351



64792A



008393



6D69B4

# Rectangle

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



B55351



936A25



008393



007ABA



# Sweetspot

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



B55351



EBC4C3



B551B3



755E5E



F5F5F5



757575



# Same Dimension

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



B55351



EB5350



B58551



595150



990300



1A0100



# Inverse Universe

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



51B3B5



50E8EB



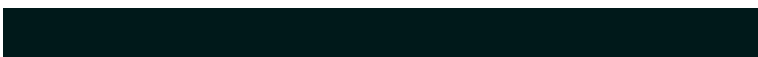
5181B5



505959



009699



00191A



# Previews

## White Background



This preview shows how the Hex color B55351 looks on a white background.

## Color Contrast Check

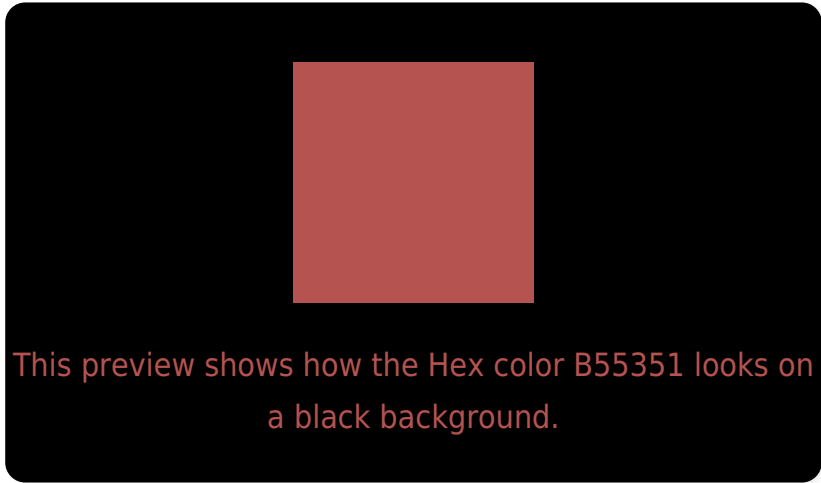
Large Text (above 18pt) WCAG AA ✓ Pass

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 B55351 Background



This preview shows how black text looks on a background with the Hex color B55351.



This preview shows how white text looks on a background with the Hex color B55351.

# 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**  
B55351

**Protanopia**  
78725F

**Deuteranopia**  
886D4D



**Tritanopia**  
B55258

# Trichromacy



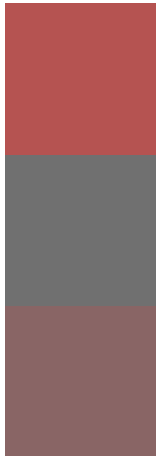
**Original Color**  
B55351

**Protanomaly**  
8E675A

**Deuteranomaly**  
98644E

**Tritanomaly**  
B55255

# Monochromacy



**Original Color**  
B55351

**Achromatopsia**  
707070

**Achromatomaly**  
896565

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B55351 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 #B55351 looks like.

```
.text, #text, p{  
    color:#B55351  
}
```

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 #B55351 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B55351
}
```

## Border

The CSS property to change the border of an element to Hex B55351 is called "border". The border property can be set on classes, ids or directly on the HTML element.

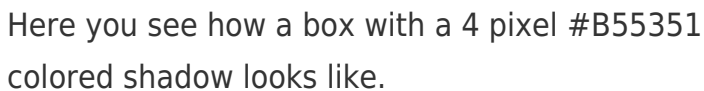
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B55351 }
```

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

```
.border{ border-color:#B55351 }
```

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



Here you see how a box with a 4 pixel #B55351 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B55351; -webkit-box-shadow:4px 4px  
4px 4px #B55351; box-shadow:4px 4px 4px  
4px #B55351 }
```

# Background

The CSS property to change the background color of an element to Hex B55351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B55351 }
```

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

```
.background{ background-color:#B55351 }
```

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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