

# Converting Colors

Hex(B55B5B)

Have a look what the booklet for  
Hex(B55B5B) contains.

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# Color

Hex(B55B5B)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B55B5B
RGB	181, 91, 91
RGB Percent	71%, 36%, 36%
CMY	0.2902, 0.6431, 0.6431
CMYK	0.00, 0.50, 0.50, 0.29
HSL	0°, 38%, 53%
HSV	0°, 50%, 71%
XYZ	24.6855, 18.0613, 12.0826
YIQ	117.9100, 53.6400, 19.0800

# Conversions

## Conversions Part 2

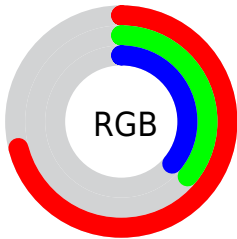
Format	Color
<b>RYB</b>	181, 91, 91
Decimal	11885403
CIELab	49.57, 36.38, 16.94
CIElCh	50, 40.131, 24.973
Yxy	18.0613, 0.4502, 0.3294
Android (android.graphics.Color)	4290075483 (0xFFB55B5B)
YUV	117.9100, -13.2666, 55.3299
Hunter-Lab	42.4985, 29.3101, 12.8924

# Details

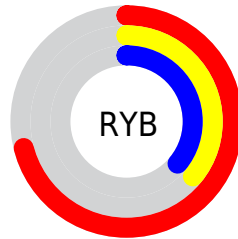
The Hex color **B55B5B** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **5BB5B5**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **F08F8D**, and **7C292D** is the 20% darker color. If you saturate the color by 10%, you get **B54949**, and if you desaturate by 10%, it is **B56D6D**.

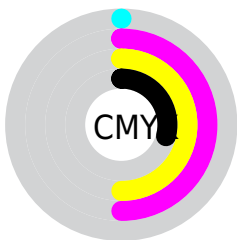
# Distribution



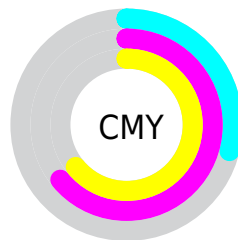
- Red (71%)
- Green (36%)
- Blue (36%)



- Red (71%)
- Yellow (36%)
- Blue (36%)



- Cyan (0%)
- Magenta (50%)
- Yellow (50%)
- Black (29%)



- Cyan (29%)
- Magenta (64%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B55B5B 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 B55B5B by changing the saturation by 10% instead.



 B55B5B

 B55B5B

FFFFFF

 984244

 F08F8D

 7C292D

 FFAAA7

 600E19

 FFC6C3

 460000

 FFE2DF

 2E0002

 FFFFFB

 000000

 B55B5B

 B55B5B

 B54949

 B56D6D

 B53737

 B57F7F

 B52525

 B59191

 B51313

 B5A3A3

 B50101

 B5B6B6

 B50000

 B5C8C8

 B5DADA

 B5ECEC

 B5FEFE

# Harmonies

## Analogous

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



B1597D



B55B5B



A8653F

# Triad

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



B55B5B



43834D



217BB9

# Complementary

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



B55B5B



5BB5B5

# 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.



0083AD



B55B5B



00876F

# Square

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



B55B5B



6D7C35



008792



6F6FB4

# Rectangle

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



B55B5B



986E33



008792



007EB7



# Sweetspot

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



B55B5B



EBC7C7



B55BB5



756060



F5F5F5



757575



# Same Dimension

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



B55B5B



EB5E5E



B5885B



595050



990000



1A0000



# Inverse Universe

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



5BB5B5



5EEBEB



5B88B5



505959



009999

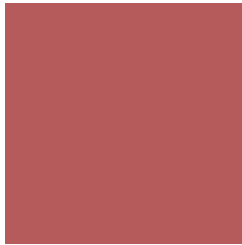


001A1A



# Previews

## White Background



This preview shows how the Hex color B55B5B looks on a white background.

## Color Contrast Check

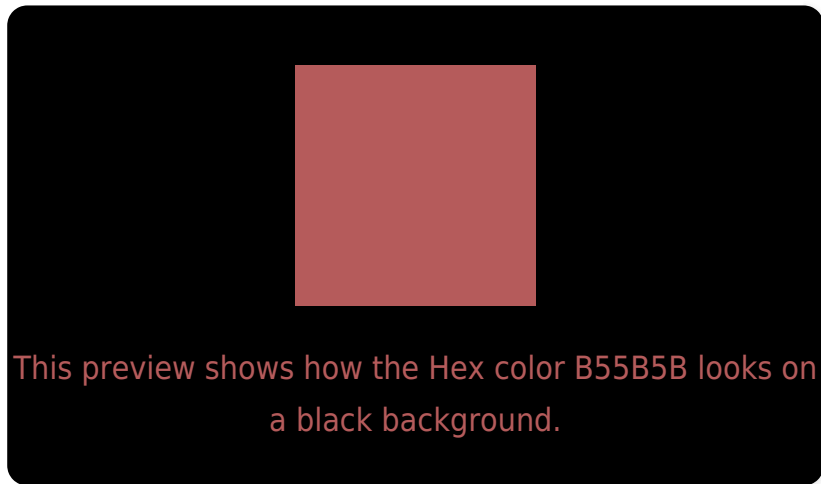
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B55B5B Background



This preview shows how black text looks on a background with the Hex color B55B5B.

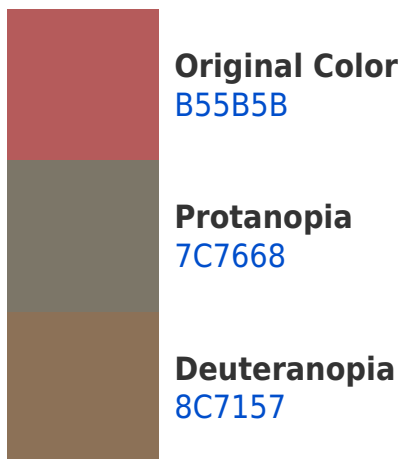



This preview shows how white text looks on a background with the Hex color B55B5B.

# 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





**Tritanopia**  
B55A61

# Trichromacy



**Original Color**  
B55B5B

**Protanomaly**  
916C63

**Deuteranomaly**  
9B6958

**Tritanomaly**  
B55A5F

# Monochromacy



**Original Color**  
B55B5B

**Achromatopsia**  
767676

**Achromatomaly**  
8D6C6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B55B5B 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 #B55B5B looks like.

```
.text, #text, p{  
    color:#B55B5B  
}
```

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 #B55B5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B55B5B }  
}
```

## Border

The CSS property to change the border of an element to Hex B55B5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

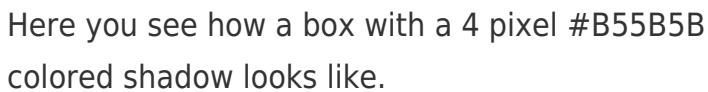
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B55B5B }  
}
```

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

```
.border{ border-color:#B55B5B }
```

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



Here you see how a box with a 4 pixel `#B55B5B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B55B5B; -webkit-box-shadow:4px 4px  
4px 4px #B55B5B; box-shadow:4px 4px 4px  
4px #B55B5B }
```

# Background

The CSS property to change the background color of an element to Hex B55B5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B55B5B }
```

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

```
.background{ background-color:#B55B5B }
```

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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