

Converting Colors

Hex(B53B38)

Have a look what the booklet for
Hex(B53B38) contains.

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Color

Hex(B53B38)

Conversions

Conversions Part 1

Format	Color
Hex	B53B38
RGB	181, 59, 56
RGB Percent	71%, 23%, 22%
CMY	0.2902, 0.7686, 0.7804
CMYK	0.00, 0.67, 0.69, 0.29
HSL	1°, 53%, 46%
HSV	1°, 69%, 71%
XYZ	21.3338, 13.2372, 5.1720
YIQ	95.1360, 73.6750, 24.9310

Conversions

Conversions Part 2

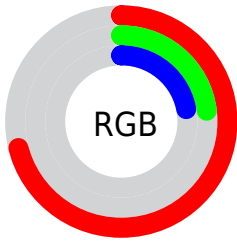
Format	Color
RYB	181, 59, 56
Decimal	11877176
CIELab	43.12, 49.04, 29.50
CIElCh	43, 57.230, 31.024
Yxy	13.2372, 0.5368, 0.3331
Android (android.graphics.Color)	4290067256 (0xFFB53B38)
YUV	95.1360, -19.2940, 75.3027
Hunter-Lab	36.3830, 40.9966, 17.0398

Details

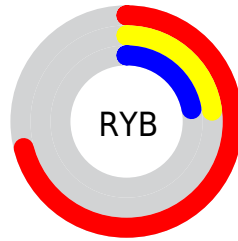
The Hex color **B53B38** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **38B2B5**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **F27167**, and **79000D** is the 20% darker color. If you saturate the color by 10%, you get **B52926**, and if you desaturate by 10%, it is **B54D4A**.

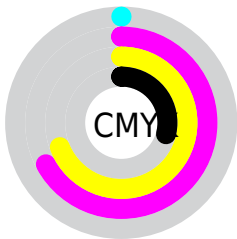
Distribution



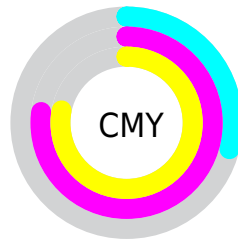
- Red (71%)
- Green (23%)
- Blue (22%)



- Red (71%)
- Yellow (23%)
- Blue (22%)



- Cyan (0%)
- Magenta (67%)
- Yellow (69%)
- Black (29%)



- Cyan (29%)
- Magenta (77%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color B53B38 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 B53B38 by changing the saturation by 10% instead.

 B53B38

 B53B38

FFFFFF

 971E22

 F27167

 79000D

 FF8C80

 5C0000

 FFA89A

 400001

 FFC4B5

 210001

 FFE1D1

 000000

 FFFEED

 B53B38

 B53B38

 B52926

 B54D4A

 B51814

 B55E5C

 B50602

 B5706E

 B50400

 B58280

 B59393

 B5A5A5

 B5B7B7

 B5C8C9

 B5DADB

Harmonies

Analogous

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



B73166



B53B38



9E5109

Triad

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



B53B38



007835



006BC5

Complementary

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



B53B38



38B2B5

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.



0076B9



B53B38



007B66

Square

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



B53B38



4A7100



007B96



6558B8

Rectangle

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



B53B38



875F00



007B96



0070C4

Sweetspot

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



B53B38



EBBBB9



B538B3



755958



F5F5F5



757575

Same Dimension

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



B53B38



EB2D28



B57938



595150



990400



1A0100

Inverse Universe

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



38B2B5



28E6EB



3874B5



505959



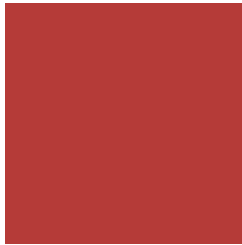
009599



00191A

Previews

White Background



This preview shows how the Hex color B53B38 looks on a white background.

Color Contrast Check

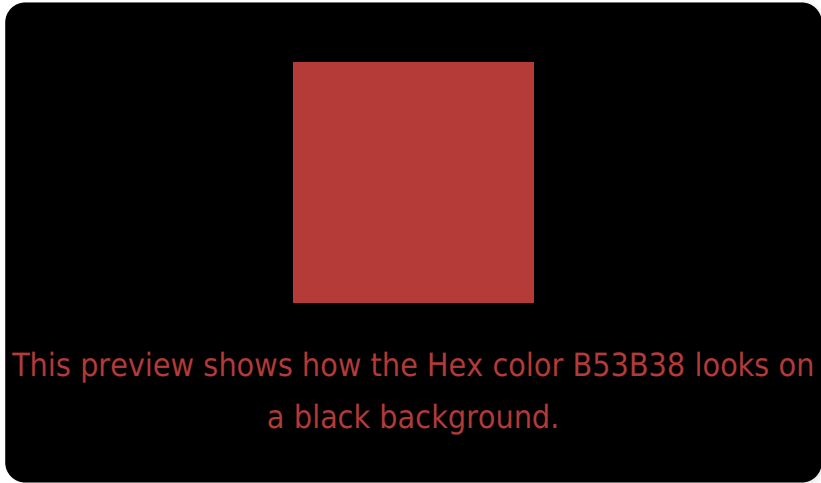
Large Text (above 18pt) WCAG AA ✓ Pass

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 B53B38 Background



This preview shows how black text looks on a background with the Hex color B53B38.

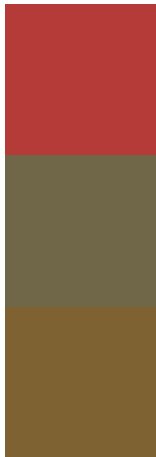


This preview shows how white text looks on a background with the Hex color B53B38.

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
B53B38

Protanopia
6F6748

Deuteranopia
7F6231

Trichromacy



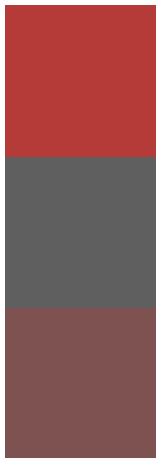
Original Color
B53B38

Protanomaly
885742

Deuteranomaly
935434

Tritanomaly
B53A3B

Monochromacy



Original Color
B53B38

Achromatopsia
5F5F5F

Achromatomaly
7E5251

CSS Examples

Text

The CSS property to change the color of the text to Hex B53B38 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 #B53B38 looks like.

```
.text, #text, p{  
    color:#B53B38  
}
```

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 #B53B38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B53B38 }  
}
```

Border

The CSS property to change the border of an element to Hex B53B38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

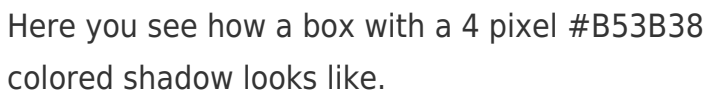
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #B53B38 }  
}
```

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

```
.border{ border-color:#B53B38 }
```

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



Here you see how a box with a 4 pixel #B53B38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B53B38; -webkit-box-shadow:4px 4px  
4px 4px #B53B38; box-shadow:4px 4px 4px  
4px #B53B38 }
```

Background

The CSS property to change the background color of an element to Hex B53B38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B53B38 }
```

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

```
.background{ background-color:#B53B38 }
```

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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