

# Converting Colors

Hex(B53B26)

Have a look what the booklet for  
Hex(B53B26) contains.

<b>Hex(B53B26)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(B53B26)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B53B26
RGB	181, 59, 38
RGB Percent	71%, 23%, 15%
CMY	0.2902, 0.7686, 0.8510
CMYK	0.00, 0.67, 0.79, 0.29
HSL	9°, 65%, 43%
HSV	9°, 79%, 71%
XYZ	20.9699, 13.0916, 3.2554
YIQ	93.0840, 79.4530, 19.3330

# Conversions

## Conversions Part 2

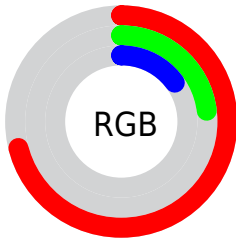
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 63, 38
Decimal	11877158
CIE <sub>Lab</sub>	42.90, 48.24, 39.48
CIE <sub>LCh</sub>	43, 62.338, 39.295
Yxy	13.0916, 0.5619, 0.3508
Android (android.graphics.Color)	4290067238 (0xFFB53B26)
YUV	93.0840, -27.1564, 77.1023
Hunter-Lab	36.1824, 40.1325, 19.9932

# Details

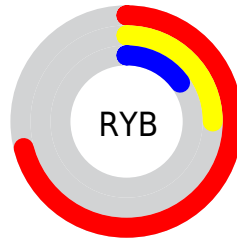
The Hex color **B53B26** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **26A0B5**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **F37155**, and **790000** is the 20% darker color. If you saturate the color by 10%, you get **B52C14**, and if you desaturate by 10%, it is **B54A38**.

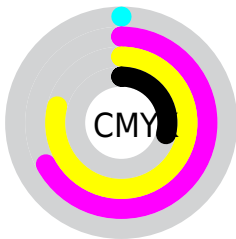
# Distribution



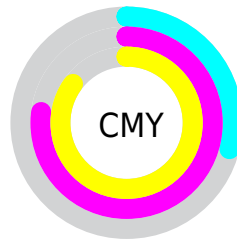
- Red (71%)
- Green (23%)
- Blue (15%)



- Red (71%)
- Yellow (25%)
- Blue (15%)



- Cyan (0%)
- Magenta (67%)
- Yellow (79%)
- Black (29%)



- Cyan (29%)
- Magenta (77%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B53B26 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 B53B26 by changing the saturation by 10% instead.



 B53B26

 B53B26

FFFFFF

 961E10

 F37155

 790000

 FF8C6D

 5A0000

 FFA787

 3E0001

 FFC3A2

 1F0001

 FFE0BD

 000000

 FFFDD9

 FFFFF5

 B53B26

 B53B26

 B52C14

 B54A38

 B51C02

 B55A4A

 B51B00

 B5695C

 B5796E

 B58881

 B59893

 B5A7A5

 B5B7B7

 B5C6C9

# Harmonies

## Analogous

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



BF2558



B53B26



975500

# Triad

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



B53B26



007A3E



0067CC

# Complementary

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



B53B26



26A0B5

# 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.



0075C6



B53B26



007C75

# Square

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



B53B26



327400



007BA6



794FB6

# Rectangle

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



B53B26



7C6300



007BA6



006CCD



# Sweetspot

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



B53B26



EBBBB2



B526A2



755853



F5F5F5



757575



# Same Dimension

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



B53B26



EB2C0C



B58126



595250



991600



1A0400



# Inverse Universe

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



26A0B5



0CCAEB



265AB5



505859



008399

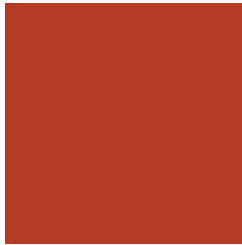


00161A



# Previews

## White Background



This preview shows how the Hex color B53B26 looks on a white background.

## Color Contrast Check

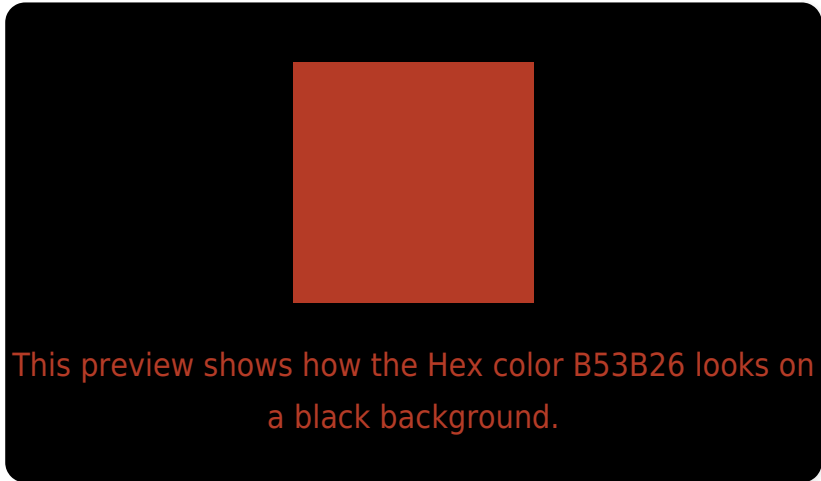
Large Text (above 18pt) WCAG AA ✓ Pass

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 B53B26 Background



This preview shows how black text looks on a background with the Hex color B53B26.



This preview shows how white text looks on a background with the Hex color B53B26.

# 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**  
B53B26

**Protanopia**  
716632

**Deuteranopia**  
80611C



**Tritanopia**  
B6383B

# Trichromacy



**Original Color**  
B53B26

**Protanomaly**  
8A562E

**Deuteranomaly**  
935320

**Tritanomaly**  
B63933

# Monochromacy



**Original Color**  
B53B26

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
7D5149

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B53B26 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 #B53B26 looks like.

```
.text, #text, p{  
    color:#B53B26  
}
```

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 #B53B26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B53B26
}
```

## Border

The CSS property to change the border of an element to Hex B53B26 is called "border". The border property can be set on classes, ids or directly on the HTML element.

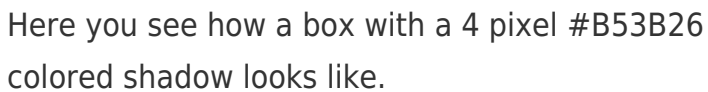
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B53B26 }
```

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

```
.border{ border-color:#B53B26 }
```

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



Here you see how a box with a 4 pixel `#B53B26` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B53B26; -webkit-box-shadow:4px 4px  
4px 4px #B53B26; box-shadow:4px 4px 4px  
4px #B53B26 }
```

# Background

The CSS property to change the background color of an element to Hex B53B26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B53B26 }
```

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

```
.background{ background-color:#B53B26 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor