

Converting Colors

Hex(5B3738)

Have a look what the booklet for
Hex(5B3738) contains.

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Color

Hex(5B3738)

Conversions

Conversions Part 1

Format	Color
Hex	5B3738
RGB	91, 55, 56
RGB Percent	36%, 22%, 22%
CMY	0.6431, 0.7843, 0.7804
CMYK	0.00, 0.40, 0.38, 0.64
HSL	358°, 25%, 29%
HSV	358°, 40%, 36%
XYZ	6.3944, 5.2420, 4.4162
YIQ	65.8780, 21.1350, 7.9430

Conversions

Conversions Part 2

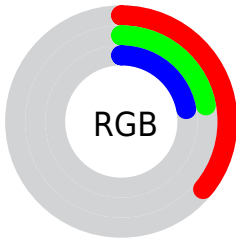
Format	Color
RYB	91, 55, 56
Decimal	5977912
CIELab	27.41, 16.23, 6.13
CIElCh	27, 17.349, 20.708
Yxy	5.2420, 0.3983, 0.3266
Android (android.graphics.Color)	4284167992 (0xFF5B3738)
YUV	65.8780, -4.8699, 22.0320
Hunter-Lab	22.8955, 9.7853, 4.5908

Details

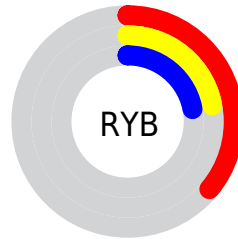
The Hex color **5B3738** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **375B5A**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **8E6667**, and **2C0C0D** is the 20% darker color. If you saturate the color by 10%, you get **5B2E2F**, and if you desaturate by 10%, it is **5B4041**.

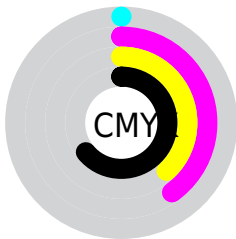
Distribution



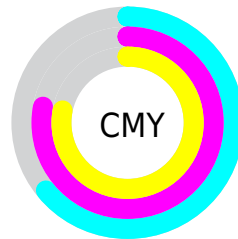
- Red (36%)
- Green (22%)
- Blue (22%)



- Red (36%)
- Yellow (22%)
- Blue (22%)



- Cyan (0%)
- Magenta (40%)
- Yellow (38%)
- Black (64%)



- Cyan (64%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B3738 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 5B3738 by changing the saturation by 10% instead.

 5B3738

 5B3738

FFFFFF

 432123

 8E6667

 2C0C0D

 A98080

 0D0000

 C59A9A

 000000

 E1B4B5

 FED0D0

 FFECEC

 5B3738

 5B3738

 5B2E2F

 5B4041

■ 5B2526

■ 5B494A

■ 5B1C1D

■ 5B5253

■ 5B1315

■ 5B5B5B

■ 5B090C

■ 5B6564

■ 5B0003

■ 5B6E6D

■ 5B7776

■ 5B807F

■ 5B8988

Harmonies

Analogous

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



583745



5B3738



573A2D

Triad

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



5B3738



314630



28435B

Complementary

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



5B3738



375B5A

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.



154655



5B3738



21483C

Square

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



5B3738



404328



13484A



3D3F59

Rectangle

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



5B3738



513D28



13484A



214459

Sweetspot

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



5B3738



756768



5A375B



3B3233



BABABA



3B3B3B

Same Dimension

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



5B3738



753E40



5B4837



2E2929



6E0003



ED0007

Inverse Universe

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



5B3738



753E40



374A5B



2E2929



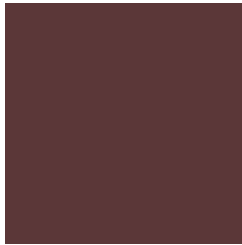
6E0003



ED0007

Previews

White Background



This preview shows how the Hex color 5B3738 looks on a white background.

Color Contrast Check

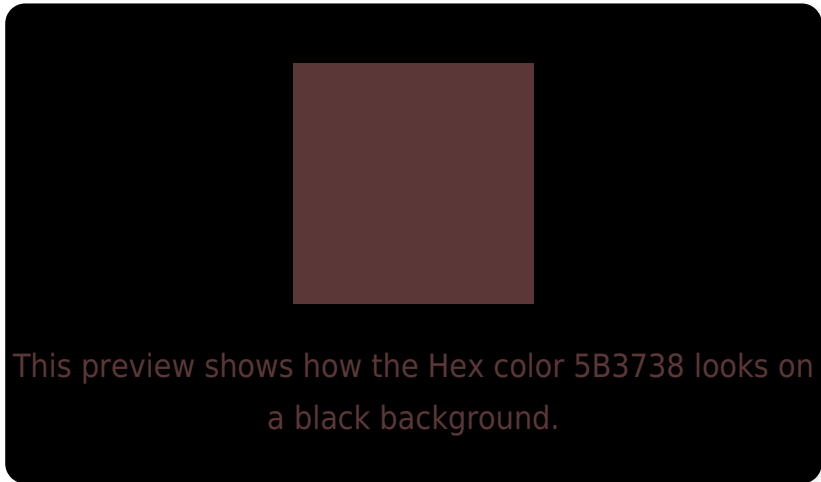
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

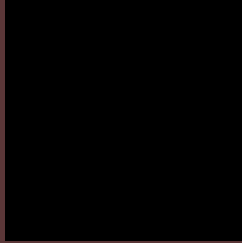
Any Text WCAG AA × Fail

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 5B3738 Background



This preview shows how black text looks on a background with the Hex color 5B3738.

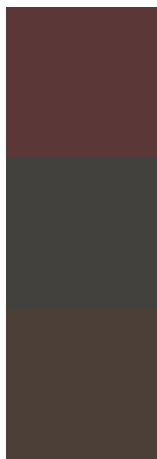


This preview shows how white text looks on a background with the Hex color 5B3738.

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
5B3738

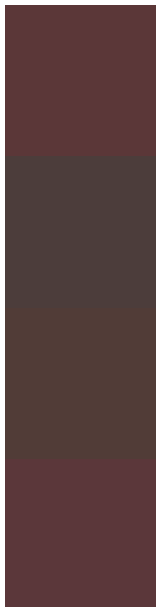
Protanopia
43413D

Deuteranopia
4B3F37



Tritanopia
5B373B

Trichromacy



Original Color

5B3738

Protanomaly

4C3D3B

Deuteranomaly

513C37

Tritanomaly

5B373A

Monochromacy



Original Color

5B3738

Achromatopsia

424242

Achromatomaly

4B3E3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B3738 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 #5B3738 looks like.

```
.text, #text, p{  
    color:#5B3738  
}
```

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 #5B3738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3738
}
```

Border

The CSS property to change the border of an element to Hex 5B3738 is called "border". The border property can be set on classes, ids or directly on the HTML element.

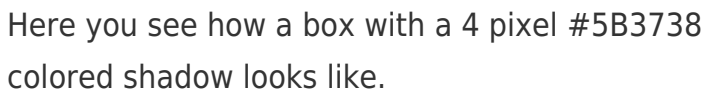
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B3738 }
```

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

```
.border{ border-color:#5B3738 }
```

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



Here you see how a box with a 4 pixel #5B3738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3738; -webkit-box-shadow:4px 4px  
4px 4px #5B3738; box-shadow:4px 4px 4px  
4px #5B3738 }
```

Background

The CSS property to change the background color of an element to Hex 5B3738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3738 }
```

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

```
.background{ background-color:#5B3738 }
```

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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