

Converting Colors

Hex(5B4038)

Have a look what the booklet for
Hex(5B4038) contains.

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Color

Hex(5B4038)

Conversions

Conversions Part 1

Format	Color
Hex	5B4038
RGB	91, 64, 56
RGB Percent	36%, 25%, 22%
CMY	0.6431, 0.7490, 0.7804
CMYK	0.00, 0.30, 0.38, 0.64
HSL	14°, 24%, 29%
HSV	14°, 38%, 36%
XYZ	6.8616, 6.1765, 4.5719
YIQ	71.1610, 18.6600, 3.2360

Conversions

Conversions Part 2

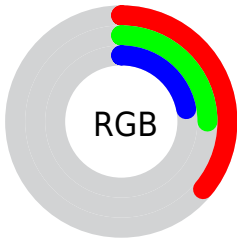
Format	Color
RYB	91, 66, 56
Decimal	5980216
CIELab	29.85, 10.55, 9.54
CIELCh	30, 14.225, 42.134
Yxy	6.1765, 0.3896, 0.3507
Android (android.graphics.Color)	4284170296 (0xFF5B4038)
YUV	71.1610, -7.4744, 17.3988
Hunter-Lab	24.8525, 5.7907, 6.4896

Details

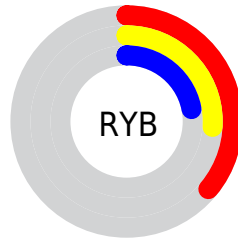
The Hex color **5B4038** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **38535B**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **8E7067**, and **2C150D** is the 20% darker color. If you saturate the color by 10%, you get **5B392F**, and if you desaturate by 10%, it is **5B4741**.

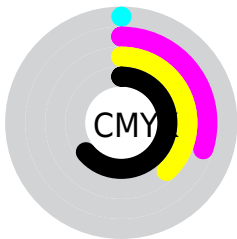
Distribution



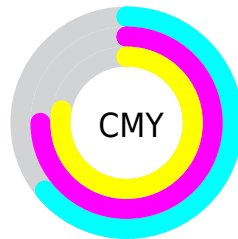
- Red (36%)
- Green (25%)
- Blue (22%)



- Red (36%)
- Yellow (26%)
- Blue (22%)



- Cyan (0%)
- Magenta (30%)
- Yellow (38%)
- Black (64%)



- Cyan (64%)
- Magenta (75%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4038 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 5B4038 by changing the saturation by 10% instead.

 5B4038

 5B4038

FFFFFF

 432A23

 8E7067

 2C150D

 A98980

 160000

 C4A49A

 000000

 E1BFB5

 FEDBD0

 FFF7ED

 5B4038

 5B4038

 5B392F

 5B4741

■ 5B3226

■ 5B4E4A

■ 5B2B1D

■ 5B5553

■ 5B2414

■ 5B5C5C

■ 5B1D0A

■ 5B6366

■ 5B1601

■ 5B6A6F

■ 5B1500

■ 5B7178

■ 5B7881

■ 5B7F8A

Harmonies

Analogous

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



5D3E42



5B4038



544332

Triad

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



5B4038



314C3F



3F465C

Complementary

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



5B4038



38535B

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.



30495B



5B4038



274D4B

Square

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



5B4038



3D4A36



264C55



4E4257

Rectangle

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



5B4038



4E4630



264C55



3A475C

Sweetspot

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



5B4038



756A67



5B3853



3B3432



BABABA



3B3B3B

Same Dimension

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



5B4038



754C3F



5B5138



2E2A29



6E1900



ED3600

Inverse Universe

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



38535B



3F6975



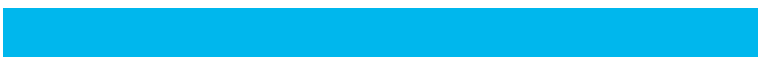
38425B



292D2E



00556E



00B7ED

Previews

White Background



This preview shows how the Hex color 5B4038 looks on a white background.

Color Contrast Check

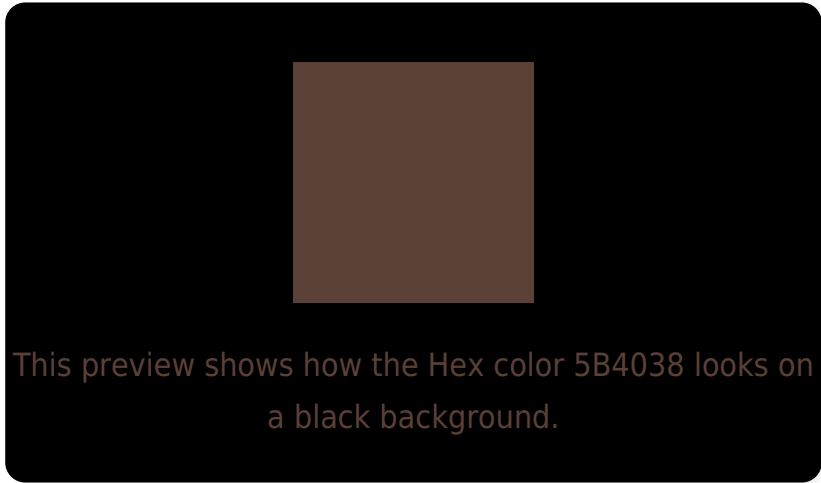
Large Text (above 18pt) WCAG AA ✓ Pass

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

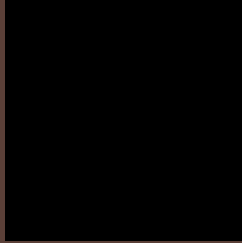
Any Text WCAG AA × Fail

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 5B4038 Background



This preview shows how black text looks on a background with the Hex color 5B4038.

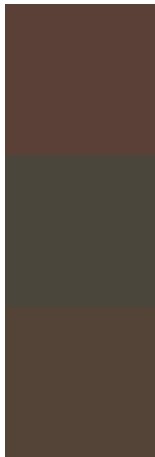


This preview shows how white text looks on a background with the Hex color 5B4038.

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](#).

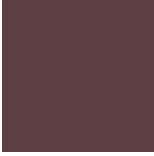
Dichromacy



Original Color
5B4038

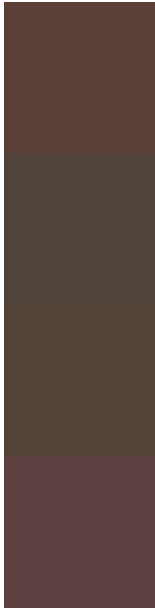
Protanopia
4A63B

Deuteranopia
534437



Tritanopia
5C3E43

Trichromacy



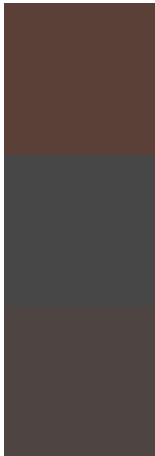
Original Color
5B4038

Protanomaly
50443A

Deuteranomaly
564337

Tritanomaly
5C3F3F

Monochromacy



Original Color
5B4038

Achromatopsia
474747

Achromatomaly
4E4442

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4038 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 #5B4038 looks like.

```
.text, #text, p{  
    color:#5B4038  
}
```

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 #5B4038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4038
}
```

Border

The CSS property to change the border of an element to Hex 5B4038 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".

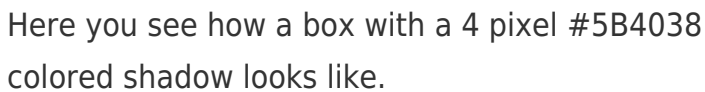
```
.border, #border, table{ border:4px solid
#5B4038 }
```

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

```
.border{ border-color:#5B4038 }
```

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

Here you see how a box with a 4 pixel #5B4038 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4038; -webkit-box-shadow:4px 4px  
4px 4px #5B4038; box-shadow:4px 4px 4px  
4px #5B4038 }
```

Background

The CSS property to change the background color of an element to Hex 5B4038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4038 }
```

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

```
.background{ background-color:#5B4038 }
```

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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