

Converting Colors

Hex(5F4138)

Have a look what the booklet for
Hex(5F4138) contains.

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Color

Hex(5F4138)

Conversions

Conversions Part 1

Format	Color
Hex	5F4138
RGB	95, 65, 56
RGB Percent	37%, 25%, 22%
CMY	0.6275, 0.7451, 0.7804
CMYK	0.00, 0.32, 0.41, 0.63
HSL	14°, 26%, 30%
HSV	14°, 41%, 37%
XYZ	7.3234, 6.4990, 4.6098
YIQ	72.9440, 20.7690, 3.5610

Conversions

Conversions Part 2

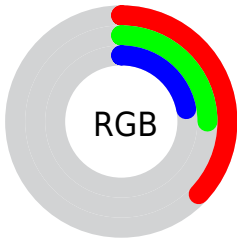
Format	Color
RYB	95, 68, 56
Decimal	6242616
CIELab	30.64, 11.74, 10.70
CIElCh	31, 15.885, 42.366
Yxy	6.4990, 0.3973, 0.3526
Android (android.graphics.Color)	4284432696 (0xFF5F4138)
YUV	72.9440, -8.3534, 19.3431
Hunter-Lab	25.4932, 6.6647, 7.1240

Details

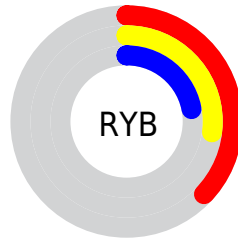
The Hex color **5F4138** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **38565F**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **937167**, and **2F160D** is the 20% darker color. If you saturate the color by 10%, you get **5F3A2F**, and if you desaturate by 10%, it is **5F4842**.

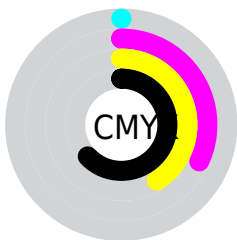
Distribution



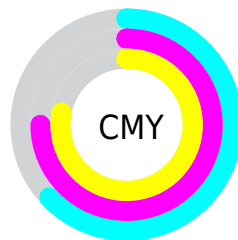
- Red (37%)
- Green (25%)
- Blue (22%)



- Red (37%)
- Yellow (27%)
- Blue (22%)



- Cyan (0%)
- Magenta (32%)
- Yellow (41%)
- Black (63%)



- Cyan (63%)
- Magenta (75%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F4138 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 5F4138 by changing the saturation by 10% instead.

■ 5F4138

■ 5F4138

FFFFFF

■ 462B23

■ 937167

■ 2F160D

■ AE8A80

■ 1A0000

■ C9A59A

■ 000000

■ E6C0B5

■ FFDCD0

■ FFF8ED

■ 5F4138

■ 5F4138

■ 5F3A2F

■ 5F4842

■ 5F3225

■ 5F504B

■ 5F2B1C

■ 5F5755

■ 5F2412

■ 5F5E5E

■ 5F1C08

■ 5F6668

■ 5F1600

■ 5F6D71

■ 5F747B

■ 5F7B84

■ 5F838E

Harmonies

Analogous

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



613F43



5F4138



574531

Triad

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



5F4138



304E40



404860

Complementary

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



5F4138



38565F

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.



2E4B5F



5F4138



244F4D

Square

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



5F4138



3E4C36



224E58



50435A

Rectangle

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



5F4138



50482F



224E58



3A4961

Sweetspot

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



5F4138



7A6F6C



5F3857



3D3735



BDBDBD



3D3D3D

Same Dimension

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



5F4138



7A4C3E



5F5438



302D2C



701A00



F03700

Inverse Universe

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



38565F



3E6D7A



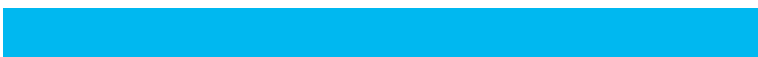
38435F



2C2F30



005670



00B8F0

Previews

White Background



This preview shows how the Hex color 5F4138 looks on a white background.

Color Contrast Check

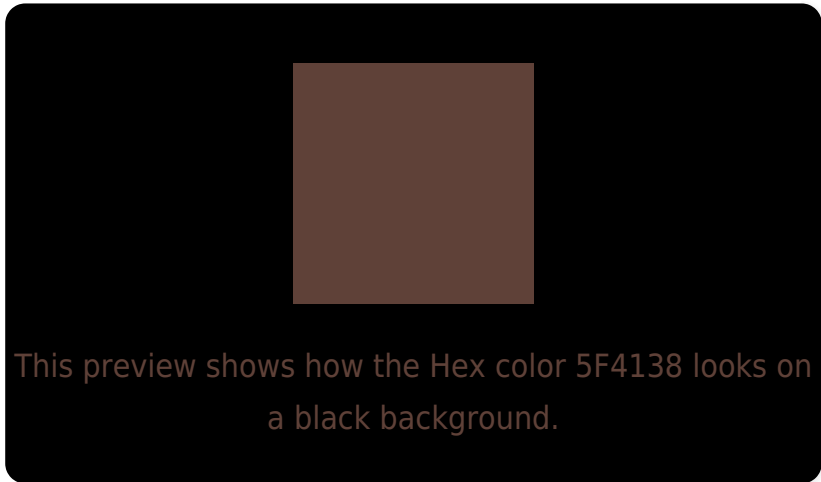
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F4138 Background



This preview shows how black text looks on a background with the Hex color 5F4138.

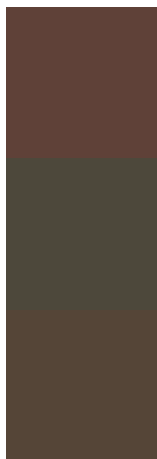


This preview shows how white text looks on a background with the Hex color 5F4138.

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](#).

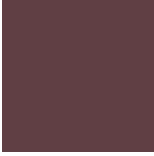
Dichromacy



Original Color
5F4138

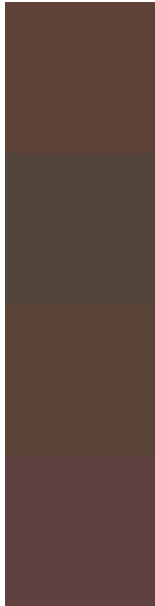
Protanopia
4D483B

Deuteranopia
554537



Tritanopia
603F44

Trichromacy



Original Color
5F4138

Protanomaly
54453A

Deuteranomaly
594437

Tritanomaly
604040

Monochromacy



Original Color
5F4138

Achromatopsia
494949

Achromatomaly
514643

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F4138 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 #5F4138 looks like.

```
.text, #text, p{  
    color:#5F4138  
}
```

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 #5F4138 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4138
}
```

Border

The CSS property to change the border of an element to Hex 5F4138 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".

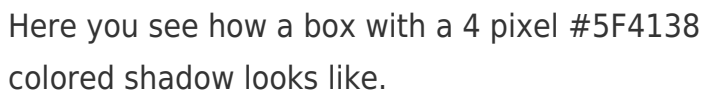
```
.border, #border, table{ border:4px solid
#5F4138 }
```

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

```
.border{ border-color:#5F4138 }
```

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

Here you see how a box with a 4 pixel #5F4138 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4138; -webkit-box-shadow:4px 4px  
4px 4px #5F4138; box-shadow:4px 4px 4px  
4px #5F4138 }
```

Background

The CSS property to change the background color of an element to Hex 5F4138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4138 }
```

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

```
.background{ background-color:#5F4138 }
```

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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