

Converting Colors

Hex(5F4535)

Have a look what the booklet for
Hex(5F4535) contains.

Hex(5F4535)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5F4535)

Conversions

Conversions Part 1

Format	Color
Hex	5F4535
RGB	95, 69, 53
RGB Percent	37%, 27%, 21%
CMY	0.6275, 0.7294, 0.7922
CMYK	0.00, 0.27, 0.44, 0.63
HSL	23°, 28%, 29%
HSV	23°, 44%, 37%
XYZ	7.4900, 6.9462, 4.3141
YIQ	74.9500, 20.6320, 0.5360

Conversions

Conversions Part 2

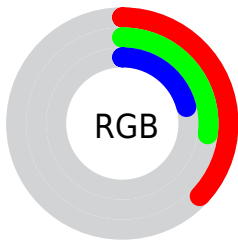
Format	Color
R_{YB}	95, 79, 53
Decimal	6243637
CIE _{Lab}	31.68, 8.83, 14.03
CIE _{LCh}	32, 16.578, 57.819
Yxy	6.9462, 0.3995, 0.3705
Android (android.graphics.Color)	4284433717 (0xFF5F4535)
YUV	74.9500, -10.8214, 17.5838
Hunter-Lab	26.3556, 4.6059, 8.7438

Details

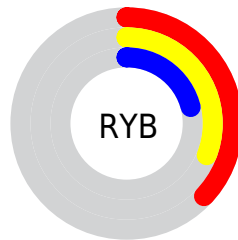
The Hex color **5F4535** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **354F5F**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **937564**, and **2F1A09** is the 20% darker color. If you saturate the color by 10%, you get **5F3F2C**, and if you desaturate by 10%, it is **5F4B3F**.

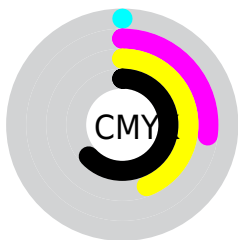
Distribution



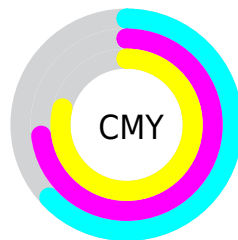
- Red (37%)
- Green (27%)
- Blue (21%)



- Red (37%)
- Yellow (31%)
- Blue (21%)



- Cyan (0%)
- Magenta (27%)
- Yellow (44%)
- Black (63%)



- Cyan (63%)
- Magenta (73%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F4535 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 5F4535 by changing the saturation by 10% instead.

 5F4535

 5F4535

FFFFFF

 462F20


 937564

 2F1A09

 AE8F7D

 190000

 C9A997

 000000

 E6C5B1

 FFE1CD

 FFFDE9

 5F4535

 5F4535

 5F3F2C

 5F4B3F

■ 5F3922

■ 5F5148

■ 5F3318

■ 5F5752

■ 5F2D0F

■ 5F5D5B

■ 5F2805

■ 5F6265

■ 5F2400

■ 5F686E

■ 5F6E78

■ 5F7481

■ 5F7A8B

Harmonies

Analogous

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



64423F



5F4535



554931

Triad

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



5F4535



295249



4B4861

Complementary

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



5F4535



354F5F

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.



384C64



5F4535



215156

Square

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



5F4535



38503C



275060



5A4359

Rectangle

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



5F4535



4C4C32



275060



454963

Sweetspot

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



5F4535



7A716A



5F3550



3D3733



BDBDBD



3D3D3D

Same Dimension

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



5F4535



7A523A



5F5935



302D2C



702B00



F05B00

Inverse Universe

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



354F5F



3A627A



353B5F



2C2F30



004570



0094F0

Previews

White Background



This preview shows how the Hex color 5F4535 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

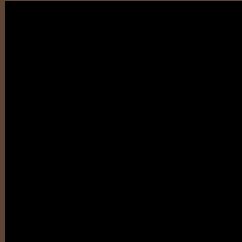
Any Text WCAG AA × Fail

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 5F4535 Background



This preview shows how black text looks on a background with the Hex color 5F4535.



This preview shows how white text looks on a background with the Hex color 5F4535.

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
5F4535

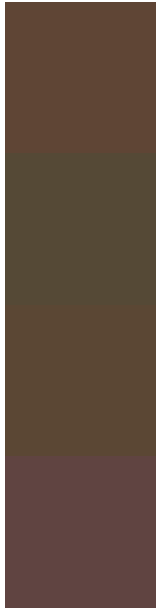
Protanopia
504B37

Deuteranopia
594834



Tritanopia
614348

Trichromacy



Original Color
5F4535

Protanomaly
554936

Deuteranomaly
5B4734

Tritanomaly
604441

Monochromacy



Original Color
5F4535

Achromatopsia
4B4B4B

Achromatomaly
524943

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F4535 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 #5F4535 looks like.

```
.text, #text, p{  
    color:#5F4535  
}
```

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 #5F4535 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4535
}
```

Border

The CSS property to change the border of an element to Hex 5F4535 is called "border". The border property can be set on classes, ids or directly on the HTML element.

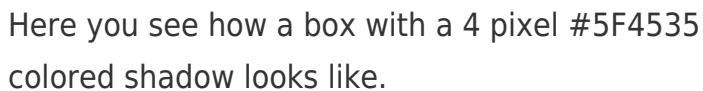
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F4535 }
```

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

```
.border{ border-color:#5F4535 }
```

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



Here you see how a box with a 4 pixel #5F4535 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4535; -webkit-box-shadow:4px 4px  
4px 4px #5F4535; box-shadow:4px 4px 4px  
4px #5F4535 }
```

Background

The CSS property to change the background color of an element to Hex 5F4535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4535 }
```

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

```
.background{ background-color:#5F4535 }
```

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