

Converting Colors

Hex(5F4536)

Have a look what the booklet for
Hex(5F4536) contains.

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Color

Hex(5F4536)

Conversions

Conversions Part 1

Format	Color
Hex	5F4536
RGB	95, 69, 54
RGB Percent	37%, 27%, 21%
CMY	0.6275, 0.7294, 0.7882
CMYK	0.00, 0.27, 0.43, 0.63
HSL	22°, 28%, 29%
HSV	22°, 43%, 37%
XYZ	7.5133, 6.9555, 4.4366
YIQ	75.0640, 20.3110, 0.8470

Conversions

Conversions Part 2

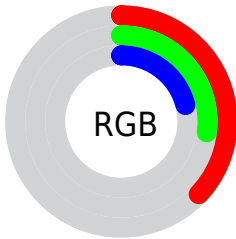
Format	Color
RYB	95, 78, 54
Decimal	6243638
CIELab	31.71, 8.96, 13.43
CIElCh	32, 16.143, 56.290
Yxy	6.9555, 0.3974, 0.3679
Android (android.graphics.Color)	4284433718 (0xFF5F4536)
YUV	75.0640, -10.3846, 17.4839
Hunter-Lab	26.3732, 4.6984, 8.4874

Details

The Hex color **5F4536** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **36505F**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **937565**, and **2F1A0A** is the 20% darker color. If you saturate the color by 10%, you get **5F3F2C**, and if you desaturate by 10%, it is **5F4B40**.

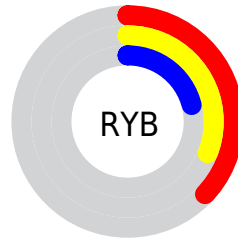
Distribution



Red (37%)

Green (27%)

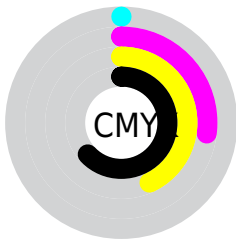
Blue (21%)



Red (37%)

Yellow (31%)

Blue (21%)

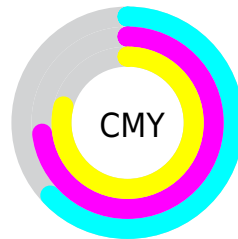


Cyan (0%)

Magenta (27%)

Yellow (43%)

Black (63%)



Cyan (63%)

Magenta (73%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F4536 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 5F4536 by changing the saturation by 10% instead.

■ 5F4536

■ 5F4536

FFFFFF

■ 472F21

■ 937565

■ 2F1A0A

■ AE8F7E

■ 190000

■ C9A998

■ 000000

■ E6C5B2

■ FFE1CE

■ FFFDEA

■ 5F4536

■ 5F4536

■ 5F3F2C

■ 5F4B40

■ 5F3923

■ 5F5149

■ 5F3319

■ 5F5752

■ 5F2D10

■ 5F5D5C

■ 5F2706

■ 5F6366

■ 5F2300

■ 5F696F

■ 5F6F79

■ 5F7582

■ 5F7B8B

Harmonies

Analogous

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



644240



5F4536



554931

Triad

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



5F4536



2B5249



4A4861

Complementary

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



5F4536



36505F

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



5F4536



235155

Square

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



5F4536



39503C



28505F



594459

Rectangle

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



5F4536



4D4C32



28505F



444963

Sweetspot

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



5F4536



7A706A



5F3651



3D3733



BDBDBD



3D3D3D

Same Dimension

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



5F4536



7A523B



5F5936



302D2C



702900



F05800

Inverse Universe

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



36505F



3B637A



363C5F



2C2F30



004770



0098F0

Previews

White Background



This preview shows how the Hex color 5F4536 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

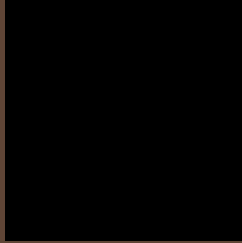
Any Text WCAG AA × Fail

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 5F4536 Background



This preview shows how black text looks on a background with the Hex color 5F4536.

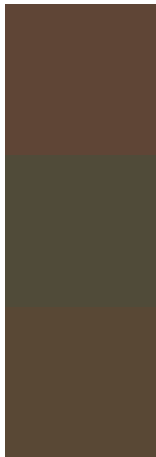


This preview shows how white text looks on a background with the Hex color 5F4536.

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
5F4536

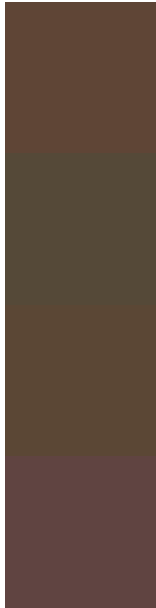
Protanopia
504B39

Deuteranopia
594835



Tritanopia
614348

Trichromacy



Original Color
5F4536

Protanomaly
554938

Deuteranomaly
5B4735

Tritanomaly
604441

Monochromacy



Original Color
5F4536

Achromatopsia
4B4B4B

Achromatomaly
524943

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F4536 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 #5F4536 looks like.

```
.text, #text, p{  
    color:#5F4536  
}
```

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 #5F4536 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4536
}
```

Border

The CSS property to change the border of an element to Hex 5F4536 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".

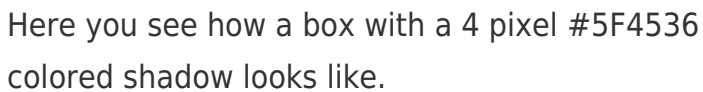
```
.border, #border, table{ border:4px solid
#5F4536 }
```

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

```
.border{ border-color:#5F4536 }
```

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

Here you see how a box with a 4 pixel #5F4536 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4536; -webkit-box-shadow:4px 4px  
4px 4px #5F4536; box-shadow:4px 4px 4px  
4px #5F4536 }
```

Background

The CSS property to change the background color of an element to Hex 5F4536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4536 }
```

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

```
.background{ background-color:#5F4536 }
```

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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