

Converting Colors

Hex(4F5F38)

Have a look what the booklet for
Hex(4F5F38) contains.

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Color

Hex(4F5F38)

Conversions

Conversions Part 1

Format	Color
Hex	4F5F38
RGB	79, 95, 56
RGB Percent	31%, 37%, 22%
CMY	0.6902, 0.6275, 0.7804
CMYK	0.17, 0.00, 0.41, 0.63
HSL	85°, 26%, 30%
HSV	85°, 41%, 37%
XYZ	8.0305, 10.1322, 5.2738
YIQ	85.7700, 2.9830, -15.5210

Conversions

Conversions Part 2

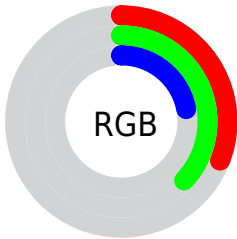
Format	Color
RYB	56, 95, 72
Decimal	5201720
CIELab	38.08, -13.70, 20.33
CIELCh	38, 24.518, 123.964
Yxy	10.1322, 0.3426, 0.4323
Android (android.graphics.Color)	4283391800 (0xFF4F5F38)
YUV	85.7700, -14.6766, -5.9373
Hunter-Lab	31.8311, -10.6719, 12.4585

Details

The Hex color **4F5F38** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **48385F**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **819168**, and **21310C** is the 20% darker color. If you saturate the color by 10%, you get **4B5F2F**, and if you desaturate by 10%, it is **535F42**.

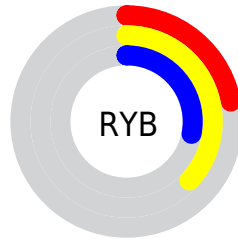
Distribution



Red (31%)

Green (37%)

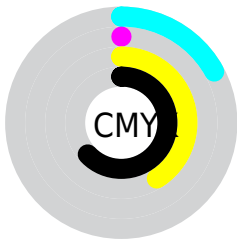
Blue (22%)



Red (22%)

Yellow (37%)

Blue (28%)

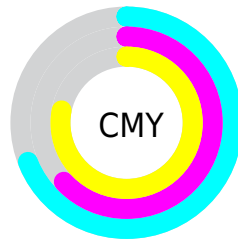


Cyan (17%)

Magenta (0%)

Yellow (41%)

Black (63%)



Cyan (69%)

Magenta (63%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F5F38 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 4F5F38 by changing the saturation by 10% instead.



4F5F38



4F5F38

FFFFFF



384722



819168



21310C



9BAC81



0A1C00



B6C79B



000000



D2E3B6



EEFFD2



FFFEE



4F5F38



4F5F38



4B5F2F



535F42

■ 475F25

■ 575F4B

■ 435F1C

■ 5B5F55

■ 3F5F12

■ 5F5F5E

■ 3C5F08

■ 625F68

■ 385F00

■ 665F71

■ 6A5F7B

■ 6E5F84

■ 725F8E

Harmonies

Analogous

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



645932



4F5F38



376348

Triad

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



4F5F38



1B607D



7F4A58

Complementary

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



4F5F38



48385F

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.



754D6B



4F5F38



415B81

Square

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



4F5F38



00636F



5F547B



7F4C44

Rectangle

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



4F5F38



246455



5F547B



7D4A5E

Sweetspot

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



4F5F38



747A6C



5F4838



3A3D35



BDBDBD



3D3D3D

Same Dimension

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



4F5F38



627A3E



3C5F38



2E302C



427000



8DF000

Inverse Universe

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



48385F



573E7A



5B385F



2E2C30



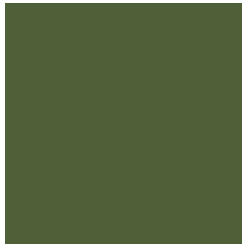
2E0070



6200F0

Previews

White Background



This preview shows how the Hex color 4F5F38 looks on a white background.

Color Contrast Check

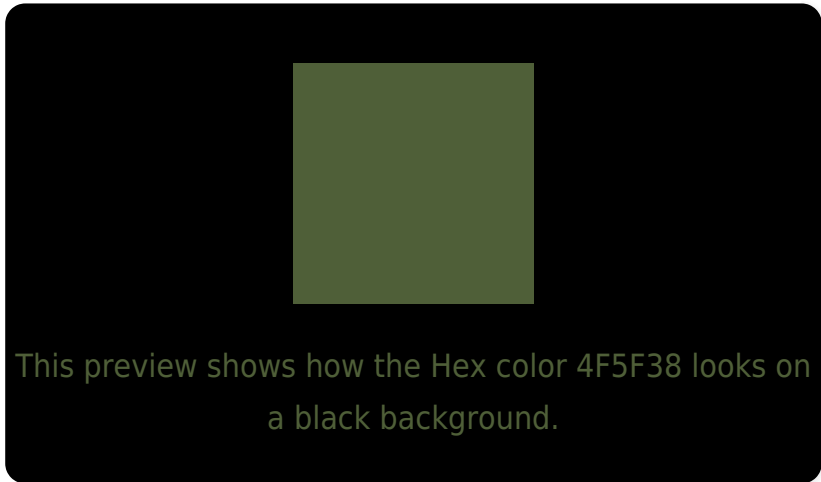
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

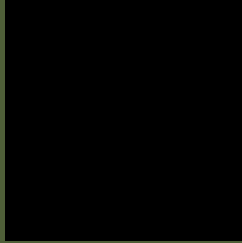
Any Text WCAG AA × Fail

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 4F5F38 Background



This preview shows how black text looks on a background with the Hex color 4F5F38.



This preview shows how white text looks on a background with the Hex color 4F5F38.

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
4F5F38

Protanopia
625936

Deuteranopia
6C563A



Tritanopia
555A61

Trichromacy



Original Color
4F5F38

Protanomaly
5B5B37

Deuteranomaly
615939

Tritanomaly
535C52

Monochromacy



Original Color
4F5F38

Achromatopsia
565656

Achromatomaly
53594B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F5F38 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 #4F5F38 looks like.

```
.text, #text, p{  
    color:#4F5F38  
}
```

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 #4F5F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5F38
}
```

Border

The CSS property to change the border of an element to Hex 4F5F38 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".

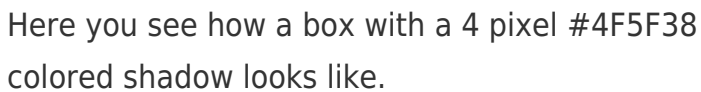
```
.border, #border, table{ border:4px solid
#4F5F38 }
```

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

```
.border{ border-color:#4F5F38 }
```

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

Here you see how a box with a 4 pixel #4F5F38 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5F38; -webkit-box-shadow:4px 4px  
4px 4px #4F5F38; box-shadow:4px 4px 4px  
4px #4F5F38 }
```

Background

The CSS property to change the background color of an element to Hex 4F5F38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5F38 }
```

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

```
.background{ background-color:#4F5F38 }
```

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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