

Converting Colors

Hex(4F5137)

Have a look what the booklet for
Hex(4F5137) contains.

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Color

Hex(4F5137)

Conversions

Conversions Part 1

Format	Color
Hex	4F5137
RGB	79, 81, 55
RGB Percent	31%, 32%, 22%
CMY	0.6902, 0.6824, 0.7843
CMYK	0.02, 0.00, 0.32, 0.68
HSL	65°, 19%, 27%
HSV	65°, 32%, 32%
XYZ	6.8565, 7.8230, 4.7630
YIQ	77.4380, 7.1540, -8.5100

Conversions

Conversions Part 2

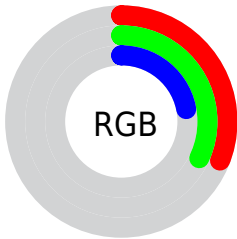
Format	Color
R_{YB}	55, 81, 57
Decimal	5198135
CIE Lab	33.61, -5.70, 15.07
CIE LCh	34, 16.110, 110.727
Yxy	7.8230, 0.3527, 0.4024
Android (android.graphics.Color)	4283388215 (0xFF4F5137)
YUV	77.4380, -11.0619, 1.3699
Hunter-Lab	27.9696, -5.1892, 9.4820

Details

The Hex color **4F5137** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **393751**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **818266**, and **22250C** is the 20% darker color. If you saturate the color by 10%, you get **4E512F**, and if you desaturate by 10%, it is **50513F**.

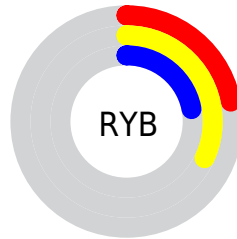
Distribution



Red (31%)

Green (32%)

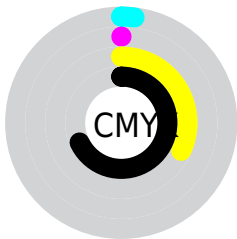
Blue (22%)



Red (22%)

Yellow (32%)

Blue (22%)

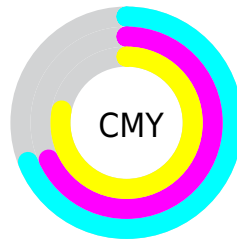


Cyan (2%)

Magenta (0%)

Yellow (32%)

Black (68%)



Cyan (69%)

Magenta (68%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F5137 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 4F5137 by changing the saturation by 10% instead.



4F5137



4F5137

FFFFFF



383A21



818266



22250C



9B9C7F



051000



B6B799



000000



D1D3B4



EEEFD0



FFFEC



4F5137



4F5137



4E512F



50513F

■ 4E5127

■ 505147

■ 4D511F

■ 51514F

■ 4D5117

■ 515157

■ 4C510F

■ 525160

■ 4B5106

■ 535168

■ 4B5100

■ 535170

■ 545178

■ 555180

Harmonies

Analogous

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



5C4D36



4F5137



40543F

Triad

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



4F5137



2B5562



664654

Complementary

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



4F5137



393751

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.



5C495F



4F5137



395168

Square

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



4F5137



295658



4C4D67



694647

Rectangle

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



4F5137



375546



4C4D67



634758

Sweetspot

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



4F5137



68695E



513937



35362F



B5B5B5



363636

Same Dimension

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



4F5137



656940



425137



282925



616900



D6E800

Inverse Universe

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



393751



434069



463751



252529



080069



1200E8

Previews

White Background



This preview shows how the Hex color 4F5137 looks on a white background.

Color Contrast Check

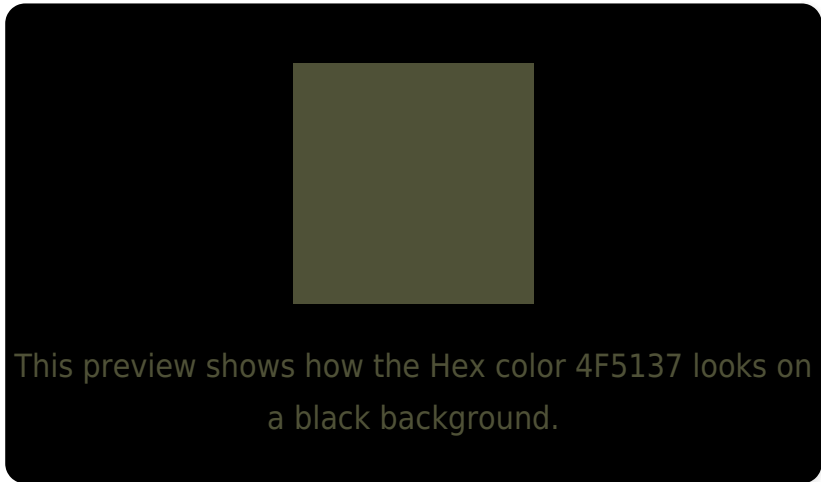
Large Text (above 18pt) WCAG AA ✓ Pass

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

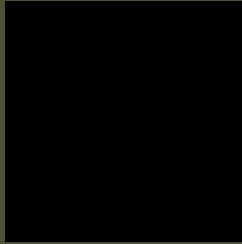
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

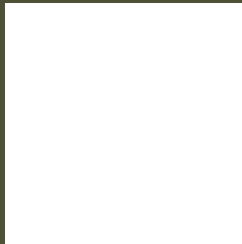
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4F5137 Background



This preview shows how black text looks on a background with the Hex color 4F5137.

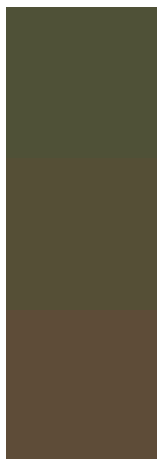


This preview shows how white text looks on a background with the Hex color 4F5137.

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
4F5137

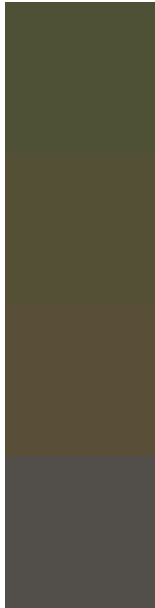
Protanopia
554F36

Deuteranopia
5E4C38



Tritanopia
534D53

Trichromacy



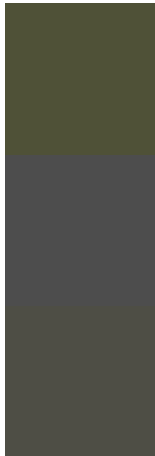
Original Color
4F5137

Protanomaly
535036

Deuteranomaly
594E38

Tritanomaly
524E49

Monochromacy



Original Color
4F5137

Achromatopsia
4D4D4D

Achromatomaly
4E4E45

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F5137 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 #4F5137 looks like.

```
.text, #text, p{  
    color:#4F5137  
}
```

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 #4F5137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5137
}
```

Border

The CSS property to change the border of an element to Hex 4F5137 is called "border". The border property can be set on classes, ids or directly on the HTML element.

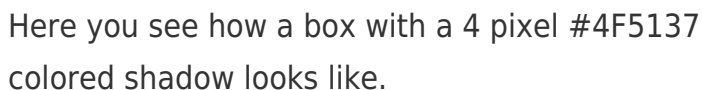
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F5137 }
```

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

```
.border{ border-color:#4F5137 }
```

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



Here you see how a box with a 4 pixel #4F5137 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5137; -webkit-box-shadow:4px 4px  
4px 4px #4F5137; box-shadow:4px 4px 4px  
4px #4F5137 }
```

Background

The CSS property to change the background color of an element to Hex 4F5137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5137 }
```

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

```
.background{ background-color:#4F5137 }
```

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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