

Converting Colors

Hex(4F5731)

Have a look what the booklet for
Hex(4F5731) contains.

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Color

Hex(4F5731)

Conversions

Conversions Part 1

Format	Color
Hex	4F5731
RGB	79, 87, 49
RGB Percent	31%, 34%, 19%
CMY	0.6902, 0.6588, 0.8078
CMYK	0.09, 0.00, 0.44, 0.66
HSL	73°, 28%, 27%
HSV	73°, 44%, 34%
XYZ	7.1870, 8.7004, 4.2063
YIQ	80.2760, 7.4300, -13.5140

Conversions

Conversions Part 2

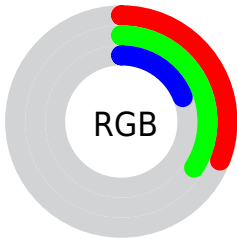
Format	Color
R _Y B	49, 87, 57
Decimal	5199665
CIE Lab	35.40, -10.12, 21.01
CIE LCh	35, 23.324, 115.722
Yxy	8.7004, 0.3577, 0.4330
Android (android.graphics.Color)	4283389745 (0xFF4F5731)
YUV	80.2760, -15.4191, -1.1191
Hunter-Lab	29.4965, -8.1260, 12.1926

Details

The Hex color **4F5731** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **393157**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **818960**, and **222A03** is the 20% darker color. If you saturate the color by 10%, you get **4D5728**, and if you desaturate by 10%, it is **51573A**.

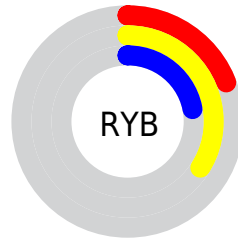
Distribution



Red (31%)

Green (34%)

Blue (19%)



Red (19%)

Yellow (34%)

Blue (22%)

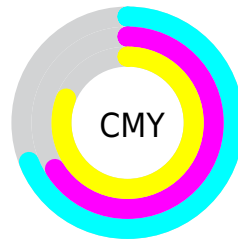


Cyan (9%)

Magenta (0%)

Yellow (44%)

Black (66%)



Cyan (69%)

Magenta (66%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F5731 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 4F5731 by changing the saturation by 10% instead.

■ 4F5731

■ 4F5731

FFFFFF

■ 38401B

■ 818960

■ 222A03

■ 9BA379

■ 041600

■ B6BE93

■ 000000

■ D2DAAD

■ EEF6C9

■ FFFFEE5

■ 4F5731

■ 4F5731

■ 4D5728

■ 51573A

■ 4B5720

■ 535742

■ 4A5717

■ 54574B

■ 48570E

■ 565754

■ 465705

■ 58575D

■ 455700

■ 5A5765

■ 5C576E

■ 5E5777

■ 5F577F

Harmonies

Analogous

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



62512E



4F5731



395B3E

Triad

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



4F5731



0D5B72



754557

Complementary

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



4F5731



393157

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.



684968



4F5731



335678

Square

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



4F5731



005D63



514F75



774644

Rectangle

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



4F5731



285D49



514F75



72465D

Sweetspot

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



4F5731



6D7062



573931



36382F



B8B8B8



383838

Same Dimension

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



4F5731



647036



3C5731



2A2B27



556B00



B9EB00

Inverse Universe

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



393157



423670



4C3157



28272B



17006B



3100EB

Previews

White Background



This preview shows how the Hex color 4F5731 looks on a white background.

Color Contrast Check

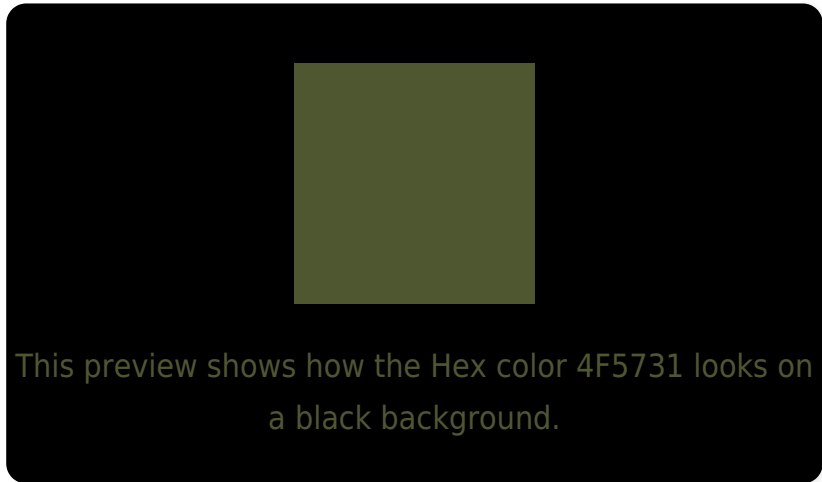
Large Text (above 18pt) WCAG AA ✓ Pass

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

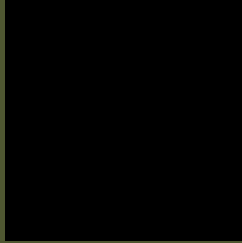
Any Text WCAG AA × Fail

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 4F5731 Background



This preview shows how black text looks on a background with the Hex color 4F5731.



This preview shows how white text looks on a background with the Hex color 4F5731.

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
4F5731

Protanopia
5B5330

Deuteranopia
654F33



Tritanopia
545259

Trichromacy



Original Color
4F5731

Protanomaly
575430

Deuteranomaly
5D5232

Tritanomaly
52544A

Monochromacy



Original Color
4F5731

Achromatopsia
505050

Achromatomaly
505345

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F5731 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 #4F5731 looks like.

```
.text, #text, p{  
    color:#4F5731  
}
```

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 #4F5731 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5731
}
```

Border

The CSS property to change the border of an element to Hex 4F5731 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
#4F5731 }
```

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

```
.border{ border-color:#4F5731 }
```

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

Here you see how a box with a 4 pixel #4F5731 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5731; -webkit-box-shadow:4px 4px  
4px 4px #4F5731; box-shadow:4px 4px 4px  
4px #4F5731 }
```

Background

The CSS property to change the background color of an element to Hex 4F5731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5731 }
```

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

```
.background{ background-color:#4F5731 }
```

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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