

Converting Colors

Hex(4F6846)

Have a look what the booklet for
Hex(4F6846) contains.

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Color

Hex(4F6846)

Conversions

Conversions Part 1

Format	Color
Hex	4F6846
RGB	79, 104, 70
RGB Percent	31%, 41%, 27%
CMY	0.6902, 0.5922, 0.7255
CMYK	0.24, 0.00, 0.33, 0.59
HSL	104°, 20%, 34%
HSV	104°, 33%, 41%
XYZ	9.2803, 12.0051, 7.6224
YIQ	92.6490, -3.9860, -15.8740

Conversions

Conversions Part 2

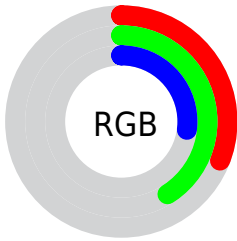
Format	Color
RYB	70, 104, 95
Decimal	5204038
CIELab	41.22, -16.42, 16.23
CIELCh	41, 23.089, 135.322
Yxy	12.0051, 0.3210, 0.4153
Android (android.graphics.Color)	4283394118 (0xFF4F6846)
YUV	92.6490, -11.1660, -11.9702
Hunter-Lab	34.6484, -12.8250, 11.2104

Details

The Hex color **4F6846** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5F4668**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **819B77**, and **21391A** is the 20% darker color. If you saturate the color by 10%, you get **47683C**, and if you desaturate by 10%, it is **576850**.

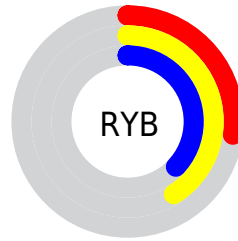
Distribution



Red (31%)

Green (41%)

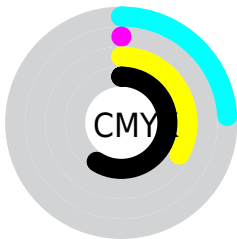
Blue (27%)



Red (27%)

Yellow (41%)

Blue (37%)

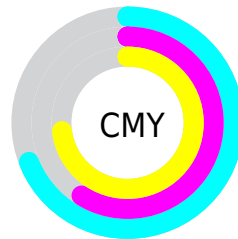


Cyan (24%)

Magenta (0%)

Yellow (33%)

Black (59%)



Cyan (69%)

Magenta (59%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F6846 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 4F6846 by changing the saturation by 10% instead.



4F6846



4F6846

FFFFFF



38502F



819B77



21391A



9BB690



0E2300



B6D2AB



000800



D2EEC6



000000



EEFFE2



4F6846



4F6846



47683C



576850



406831



5E685B

■ 386827

■ 666865

■ 30681C

■ 6E6870

■ 296812

■ 75687A

■ 216808

■ 7D6884

■ 1C6800

■ 85688F

■ 8C6899

■ 9468A4

Harmonies

Analogous

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



64633C



4F6846



386B57

Triad

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



4F6846



386685



875358

Complementary

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



4F6846



5F4668

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.



80546B



4F6846



566086

Square

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



4F6846



1F6A7C



70597C



835747

Rectangle

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



4F6846



286C64



70597C



86535E

Sweetspot

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



4F6846



7D877A



685F46



3F453D



C4C4C4



454545

Same Dimension

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



4F6846



608752



46684E



2F332E



1E7300



40F200

Inverse Universe

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



5F4668



795287



684660



322E33



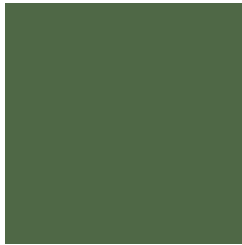
540073



B200F2

Previews

White Background



This preview shows how the Hex color 4F6846 looks on a white background.

Color Contrast Check

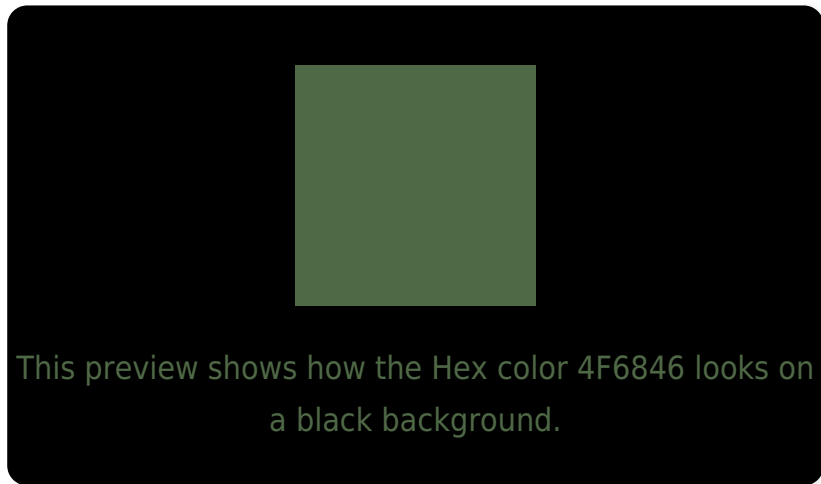
Large Text (above 18pt) WCAG AA ✓ Pass

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

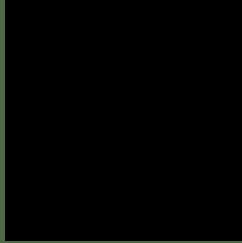
Any Text WCAG AA × Fail

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 4F6846 Background



This preview shows how black text looks on a background with the Hex color 4F6846.



This preview shows how white text looks on a background with the Hex color 4F6846.

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
4F6846

Protanopia
696143

Deuteranopia
725D48



Tritanopia
55636B

Trichromacy



Original Color
4F6846

Protanomaly
606444

Deuteranomaly
656147

Tritanomaly
53655E

Monochromacy



Original Color
4F6846

Achromatopsia
5D5D5D

Achromatomaly
586155

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F6846 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 #4F6846 looks like.

```
.text, #text, p{  
    color:#4F6846  
}
```

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 #4F6846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6846
}
```

Border

The CSS property to change the border of an element to Hex 4F6846 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".

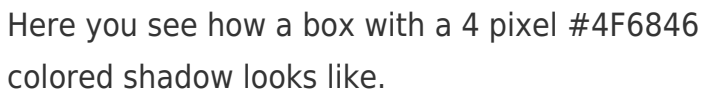
```
.border, #border, table{ border:4px solid
#4F6846 }
```

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

```
.border{ border-color:#4F6846 }
```

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

Here you see how a box with a 4 pixel #4F6846 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6846; -webkit-box-shadow:4px 4px  
4px 4px #4F6846; box-shadow:4px 4px 4px  
4px #4F6846 }
```

Background

The CSS property to change the background color of an element to Hex 4F6846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6846 }
```

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

```
.background{ background-color:#4F6846 }
```

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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