

Converting Colors

Hex(4F4847)

Have a look what the booklet for
Hex(4F4847) contains.

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Color

Hex(4F4847)

Conversions

Conversions Part 1

Format	Color
Hex	4F4847
RGB	79, 72, 71
RGB Percent	31%, 28%, 28%
CMY	0.6902, 0.7176, 0.7216
CMYK	0.00, 0.09, 0.10, 0.69
HSL	7°, 5%, 29%
HSV	7°, 10%, 31%
XYZ	6.6791, 6.7519, 6.9125
YIQ	73.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

Format	Color
R_{YB}	79, 72, 71
Decimal	5195847
CIE Lab	31.24, 2.73, 1.66
CIE LCh	31, 3.193, 31.229
Yxy	6.7519, 0.3283, 0.3319
Android (android.graphics.Color)	4283385927 (0xFF4F4847)
YUV	73.9790, -1.4686, 4.4034
Hunter-Lab	25.9845, 0.4095, 2.4166

Details

The Hex color **4F4847** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **474E4F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **807877**, and **231D1C** is the 20% darker color. If you saturate the color by 10%, you get **4F413F**, and if you desaturate by 10%, it is **4F4F4F**.

Distribution



 Red (31%)

 Green (28%)

 Blue (28%)



 Red (31%)

 Yellow (28%)

 Blue (28%)



 Cyan (0%)

 Magenta (9%)

 Yellow (10%)

 Black (69%)



 Cyan (69%)

 Magenta (72%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F4847 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 4F4847 by changing the saturation by 10% instead.

■ 4F4847

■ 4F4847

FFFFFF

■ 383231

■ 807877

■ 231D1C

■ 9A9291

■ 0D0201

■ B5ADAB

■ 000000

■ D0C8C7

■ EDE4E3

■ 4F4847

■ 4F4847

■ 4F413F

■ 4F4F4F

■ 4F3A37

■ 4F5657

■ 4F332F

■ 4F5D5F

■ 4F2C27

■ 4F6467

■ 4F2520

■ 4F6B6E

■ 4F1F18

■ 4F7176

■ 4F1810

■ 4F787E

■ 4F1108

■ 4F7F86

■ 4F0A00

■ 4F868E

Harmonies

Analogous

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



4F4849



4F4847



4E4945

Triad

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



4F4847



464B47



474A4E

Complementary

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



4F4847



474E4F

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.



454A4E



4F4847



444B49

Square

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



4F4847



494A45



444B4C



4A494E

Rectangle

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



4F4847



4C4945



444B4C



464A4E

Sweetspot

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



4F4847



666363



4F474E



333131



B3B3B3



333333

Same Dimension

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



4F4847



665B5A



4F4C47



262322



660D00



E61D00

Inverse Universe

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



474E4F



5A6466



474A4F



222626



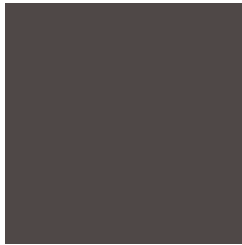
005966



00C9E6

Previews

White Background



This preview shows how the Hex color 4F4847 looks on a white background.

Color Contrast Check

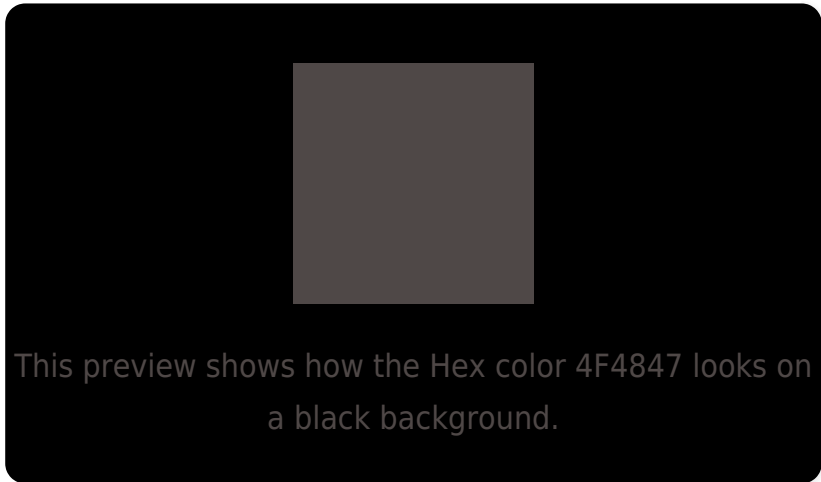
Large Text (above 18pt) WCAG AA ✓ Pass

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

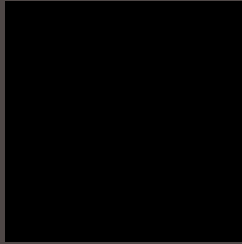
Any Text WCAG AA × Fail

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 4F4847 Background



This preview shows how black text looks on a background with the Hex color 4F4847.

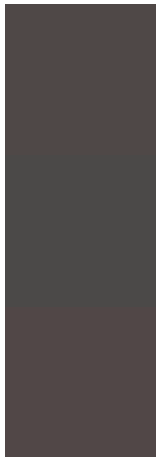


This preview shows how white text looks on a background with the Hex color 4F4847.

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
4F4847

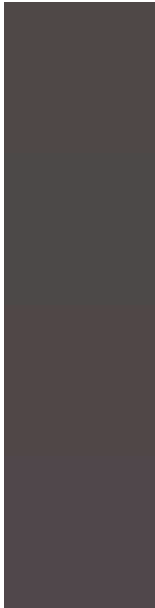
Protanopia
4B4948

Deuteranopia
514747



Tritanopia
50474D

Trichromacy



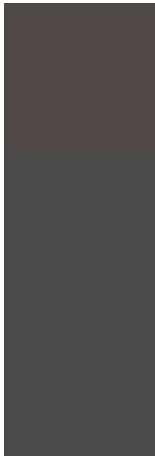
Original Color
4F4847

Protanomaly
4C4948

Deuteranomaly
504747

Tritanomaly
50474B

Monochromacy



Original Color
4F4847

Achromatopsia
4A4A4A

Achromatomaly
4C4949

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F4847 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 #4F4847 looks like.

```
.text, #text, p{  
    color:#4F4847  
}
```

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 #4F4847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F4847
}
```

Border

The CSS property to change the border of an element to Hex 4F4847 is called "border". The border property can be set on classes, ids or directly on the HTML element.

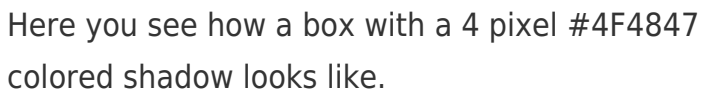
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F4847 }
```

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

```
.border{ border-color:#4F4847 }
```

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



Here you see how a box with a 4 pixel #4F4847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F4847; -webkit-box-shadow:4px 4px  
4px 4px #4F4847; box-shadow:4px 4px 4px  
4px #4F4847 }
```

Background

The CSS property to change the background color of an element to Hex 4F4847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F4847 }
```

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

```
.background{ background-color:#4F4847 }
```

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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