

Converting Colors

Hex(4F5148)

Have a look what the booklet for
Hex(4F5148) contains.

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Color

Hex(4F5148)

Conversions

Conversions Part 1

Format	Color
Hex	4F5148
RGB	79, 81, 72
RGB Percent	31%, 32%, 28%
CMY	0.6902, 0.6824, 0.7176
CMYK	0.02, 0.00, 0.11, 0.68
HSL	73°, 6%, 30%
HSV	73°, 11%, 32%
XYZ	7.3366, 8.0150, 7.2913
YIQ	79.3760, 1.6970, -3.2230

Conversions

Conversions Part 2

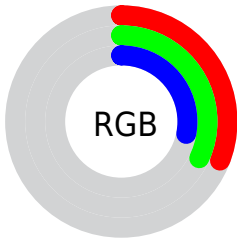
Format	Color
R_YB	72, 81, 74
Decimal	5198152
CIE Lab	34.01, -2.69, 5.01
CIE LCh	34, 5.690, 118.194
Yxy	8.0150, 0.3240, 0.3540
Android (android.graphics.Color)	4283388232 (0xFF4F5148)
YUV	79.3760, -3.6364, -0.3298
Hunter-Lab	28.3108, -3.2866, 4.5478

Details

The Hex color **4F5148** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4A4851**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **808278**, and **23251D** is the 20% darker color. If you saturate the color by 10%, you get **4D5140**, and if you desaturate by 10%, it is **515150**.

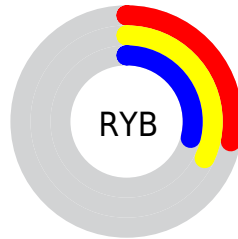
Distribution



Red (31%)

Green (32%)

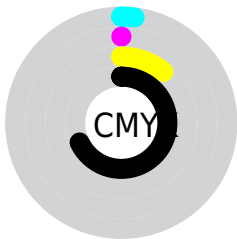
Blue (28%)



Red (28%)

Yellow (32%)

Blue (29%)

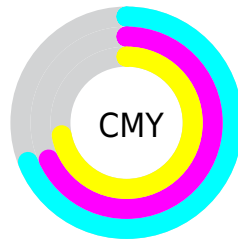


Cyan (2%)

Magenta (0%)

Yellow (11%)

Black (68%)



Cyan (69%)

Magenta (68%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F5148 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 4F5148 by changing the saturation by 10% instead.



4F5148



4F5148

FFFFFF



383A32



808278



23251D



9A9C92



0D0F02



B5B7AD



000000



D0D3C8



EDEFE4



4F5148



4F5148



4D5140



515150



4B5138



535158

■ 4A5130

■ 545160

■ 485128

■ 565168

■ 465120

■ 585170

■ 445117

■ 5A5179

■ 42510F

■ 5C5181

■ 415107

■ 5D5189

■ 3F5100

■ 5F5191

Harmonies

Analogous

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



545047



4F5148



4A524B

Triad

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



4F5148



475257



594D50

Complementary

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



4F5148



4A4851

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.



564E55



4F5148



4B5059

Square

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



4F5148



455354



514F58



5A4D4C

Rectangle

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



4F5148



47534E



514F58



584D52

Sweetspot

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



4F5148



686965



514A48



353633



B5B5B5



363636

Same Dimension

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



4F5148



66695B



4B5148



282925



516900



B4E800

Inverse Universe

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



4A4851



5E5B69



4E4851



262529



170069



3400E8

Previews

White Background



This preview shows how the Hex color 4F5148 looks on a white background.

Color Contrast Check

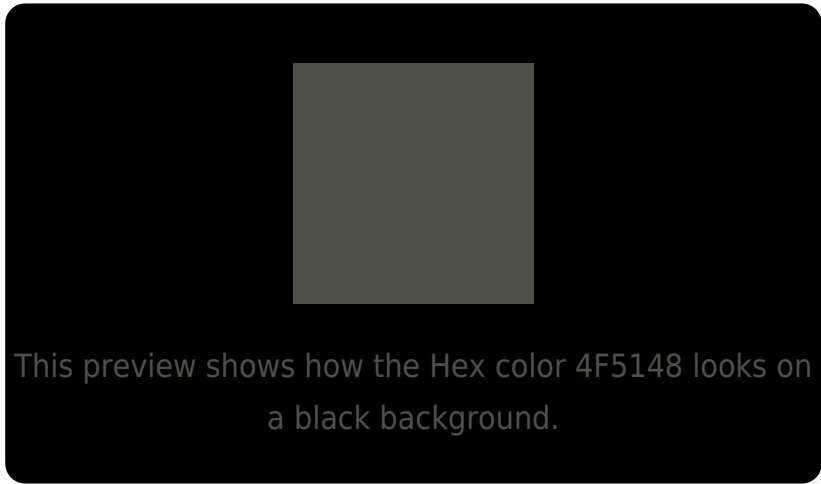
Large Text (above 18pt) WCAG AA ✓ Pass

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

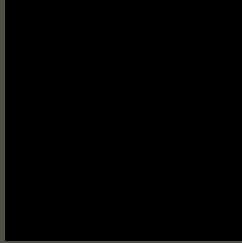
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

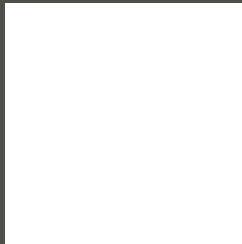
Any Text WCAG AAA × Fail

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

Hex 4F5148 Background



This preview shows how black text looks on a background with the Hex color 4F5148.

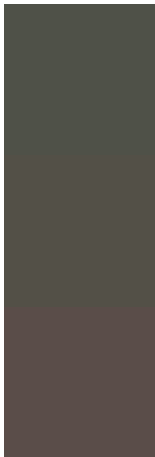


This preview shows how white text looks on a background with the Hex color 4F5148.

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
4F5148

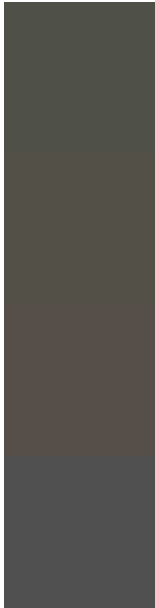
Protanopia
535047

Deuteranopia
5A4D49



Tritanopia
514F55

Trichromacy



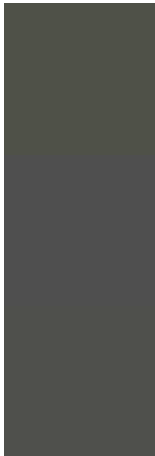
Original Color
4F5148

Protanomaly
525047

Deuteranomaly
564E49

Tritanomaly
505050

Monochromacy



Original Color
4F5148

Achromatopsia
4F4F4F

Achromatomaly
4F504C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F5148 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 #4F5148 looks like.

```
.text, #text, p{  
    color:#4F5148  
}
```

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 #4F5148 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F5148
}
```

Border

The CSS property to change the border of an element to Hex 4F5148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

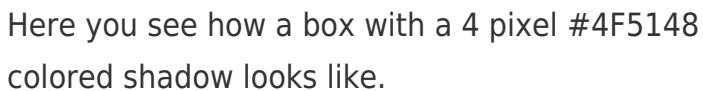
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F5148 }
```

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

```
.border{ border-color:#4F5148 }
```

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



Here you see how a box with a 4 pixel #4F5148 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F5148; -webkit-box-shadow:4px 4px  
4px 4px #4F5148; box-shadow:4px 4px 4px  
4px #4F5148 }
```

Background

The CSS property to change the background color of an element to Hex 4F5148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F5148 }
```

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

```
.background{ background-color:#4F5148 }
```

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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