

Converting Colors

Hex(4F6A51)

Have a look what the booklet for
Hex(4F6A51) contains.

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Color

Hex(4F6A51)

Conversions

Conversions Part 1

Format	Color
Hex	4F6A51
RGB	79, 106, 81
RGB Percent	31%, 42%, 32%
CMY	0.6902, 0.5843, 0.6824
CMYK	0.25, 0.00, 0.24, 0.58
HSL	124°, 15%, 36%
HSV	124°, 25%, 42%
XYZ	9.8637, 12.5644, 9.6899
YIQ	95.0770, -8.0670, -13.4990

Conversions

Conversions Part 2

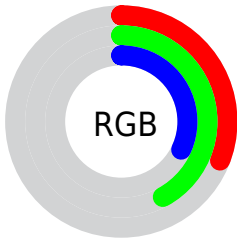
Format	Color
R_{YB}	79, 104, 106
Decimal	5204561
CIE _{Lab}	42.10, -15.46, 10.88
CIE _{LCh}	42, 18.907, 144.873
Yxy	12.5644, 0.3071, 0.3912
Android (android.graphics.Color)	4283394641 (0xFF4F6A51)
YUV	95.0770, -6.9400, -14.0995
Hunter-Lab	35.4463, -12.3597, 8.6044

Details

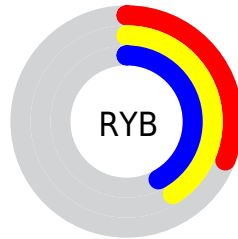
The Hex color **4F6A51** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A4F68**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **819D82**, and **213B24** is the 20% darker color. If you saturate the color by 10%, you get **446A47**, and if you desaturate by 10%, it is **5A6A5B**.

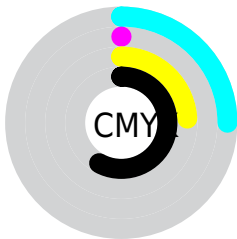
Distribution



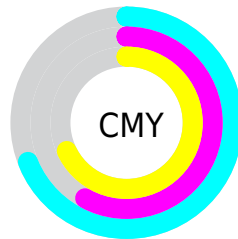
- Red (31%)
- Green (42%)
- Blue (32%)



- Red (31%)
- Yellow (41%)
- Blue (42%)



- Cyan (25%)
- Magenta (0%)
- Yellow (24%)
- Black (58%)



- Cyan (69%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F6A51 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 4F6A51 by changing the saturation by 10% instead.



4F6A51



4F6A51

FFFFFF



38523A



819D82



213B24



9BB89C



0C250F



B6D4B7



000E00



D2F0D3



000000



EEFFEF



4F6A51



4F6A51



446A47



5A6A5B



3A6A3D



646A65

 2F6A34

 6F6A6E

 256A2A

 796A78

 1A6A20

 846A82

 0F6A16

 8F6A8C

 056A0C

 996A96

 006A08

 A46AA0

 AE6AA9

Harmonies

Analogous

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



616647



4F6A51



3E6C60

Triad

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



4F6A51



4C6682



835957

Complementary

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



4F6A51



6A4F68

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.



805867



4F6A51



62607F

Square

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



4F6A51



396A7C



755B75



7D5C4A

Rectangle

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



4F6A51



366C6B



755B75



83585C

Sweetspot

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



4F6A51



7F8A80



686A4F



3E453E



C4C4C4



454545

Same Dimension

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



4F6A51



5F8A62



4F6A5E



303631



007509



00F512

Inverse Universe

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



6A4F68



8A5F87



6A4F5B



363035



75006D



F500E3

Previews

White Background



This preview shows how the Hex color 4F6A51 looks on a white background.

Color Contrast Check

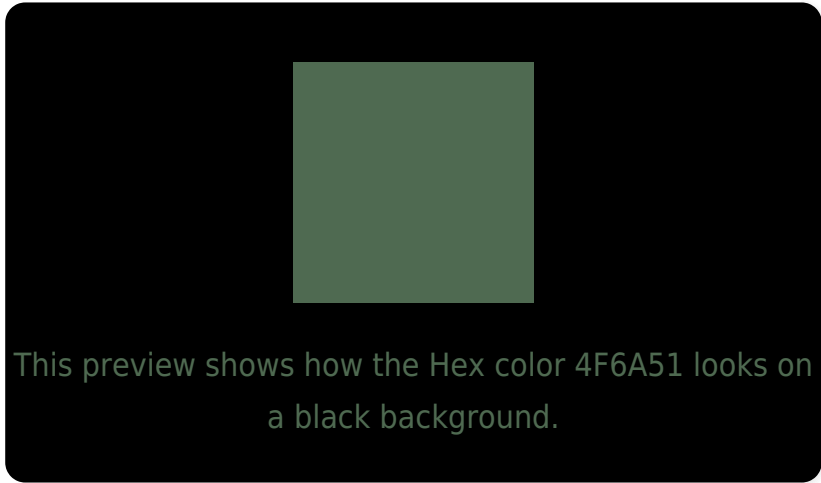
Large Text (above 18pt) WCAG AA ✓ Pass

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

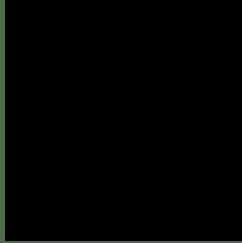
Any Text WCAG AA × Fail

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 4F6A51 Background



This preview shows how black text looks on a background with the Hex color 4F6A51.



This preview shows how white text looks on a background with the Hex color 4F6A51.

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](#).

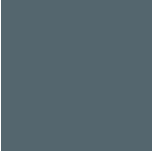
Dichromacy



Original Color
4F6A51

Protanopia
6A634E

Deuteranopia
725F53



Tritanopia
54666E

Trichromacy



Original Color
4F6A51

Protanomaly
60664F

Deuteranomaly
656352

Tritanomaly
526763

Monochromacy



Original Color
4F6A51

Achromatopsia
5F5F5F

Achromatomaly
59635A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F6A51 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 #4F6A51 looks like.

```
.text, #text, p{  
    color:#4F6A51  
}
```

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 #4F6A51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6A51  
}
```

Border

The CSS property to change the border of an element to Hex 4F6A51 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  
#4F6A51 }
```

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

```
.border{ border-color:#4F6A51 }
```

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

Here you see how a box with a 4 pixel #4F6A51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6A51; -webkit-box-shadow:4px 4px  
4px 4px #4F6A51; box-shadow:4px 4px 4px  
4px #4F6A51 }
```

Background

The CSS property to change the background color of an element to Hex 4F6A51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6A51 }
```

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

```
.background{ background-color:#4F6A51 }
```

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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