

Converting Colors

Hex(447F53)

Have a look what the booklet for
Hex(447F53) contains.

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Color

Hex(447F53)

Conversions

Conversions Part 1

Format	Color
Hex	447F53
RGB	68, 127, 83
RGB Percent	27%, 50%, 33%
CMY	0.7333, 0.5020, 0.6745
CMYK	0.46, 0.00, 0.35, 0.50
HSL	135°, 30%, 38%
HSV	135°, 46%, 50%
XYZ	11.5346, 17.0322, 10.8632
YIQ	104.3430, -21.0400, -26.1920

Conversions

Conversions Part 2

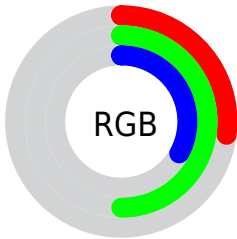
Format	Color
RYB	68, 115, 127
Decimal	4489043
CIELab	48.30, -29.61, 18.10
CIElCh	48, 34.706, 148.560
Yxy	17.0322, 0.2925, 0.4320
Android (android.graphics.Color)	4282679123 (0xFF447F53)
YUV	104.3430, -10.5221, -31.8728
Hunter-Lab	41.2701, -22.3337, 13.2826

Details

The Hex color **447F53** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7F4470**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **78B485**, and **0E4D25** is the 20% darker color. If you saturate the color by 10%, you get **377F4A**, and if you desaturate by 10%, it is **517F5C**.

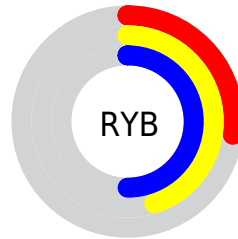
Distribution



Red (27%)

Green (50%)

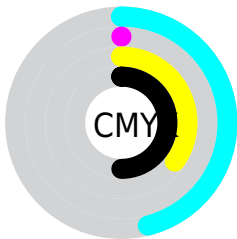
Blue (33%)



Red (27%)

Yellow (45%)

Blue (50%)

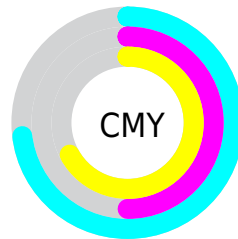


Cyan (46%)

Magenta (0%)

Yellow (35%)

Black (50%)



Cyan (73%)

Magenta (50%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 447F53 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 447F53 by changing the saturation by 10% instead.



447F53



447F53

FFFFFF



2B663C



78B485



0E4D25



92D09F



003610



AEECBA



002200



C9FFD6



000000



E6FFF2



447F53



447F53



377F4A



517F5C



2B7F40



5D7F66

■ 1E7F37

■ 6A7F6F

■ 117F2D

■ 777F79

■ 047F24

■ 847F82

■ 007F20

■ 907F8C

■ 9D7F95

■ AA7F9F

■ B67FA8

Harmonies

Analogous

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



68793E



447F53



008270

Triad

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



447F53



3E76AD



A95D58

Complementary

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



447F53



7F4470

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.



A85B75



447F53



736CA6

Square

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



447F53



007EA4



966192



9D6641

Rectangle

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



447F53



008284



966192



AB5B62

Sweetspot

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



447F53



8FA694



707F44



465449



D4D4D4



545454

Same Dimension

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



447F53



49A661



447F70



39403B



008020



000000

Inverse Universe

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



7F4470



A6498E



7F4453



40393E



80005F



000000

Previews

White Background



This preview shows how the Hex color 447F53 looks on a white background.

Color Contrast Check

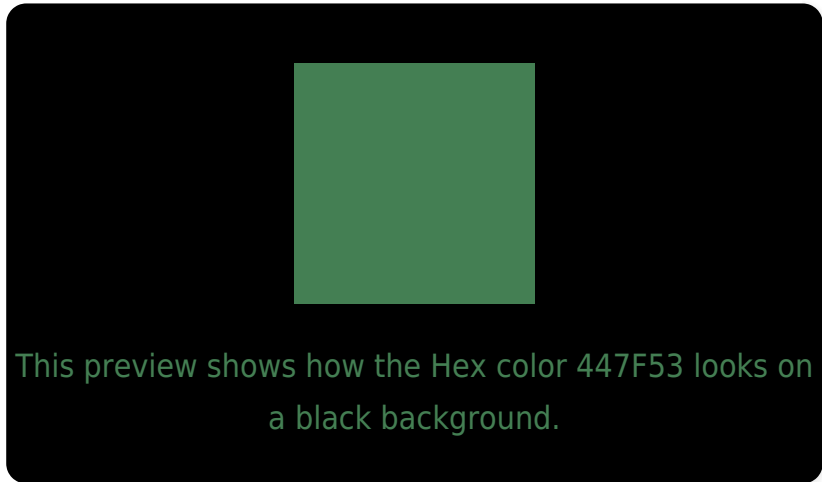
Large Text (above 18pt) WCAG AA ✓ Pass

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

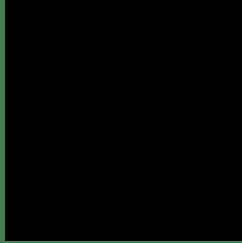
Any Text WCAG AA × Fail

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 447F53 Background



This preview shows how black text looks on a background with the Hex color 447F53.



This preview shows how white text looks on a background with the Hex color 447F53.

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
447F53

Protanopia
7C724E

Deuteranopia
866D57



Tritanopia
4F7983

Trichromacy



Original Color
447F53

Protanomaly
687750

Deuteranomaly
6E7456

Tritanomaly
4B7B72

Monochromacy



Original Color
447F53

Achromatopsia
686868

Achromatomaly
5B7060

CSS Examples

Text

The CSS property to change the color of the text to Hex 447F53 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 #447F53 looks like.

```
.text, #text, p{  
    color:#447F53  
}
```

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 #447F53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #447F53  
}
```

Border

The CSS property to change the border of an element to Hex 447F53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

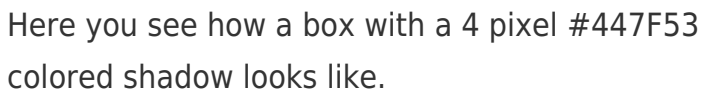
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#447F53 }
```

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

```
.border{ border-color:#447F53 }
```

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



Here you see how a box with a 4 pixel #447F53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #447F53; -webkit-box-shadow:4px 4px  
4px 4px #447F53; box-shadow:4px 4px 4px  
4px #447F53 }
```

Background

The CSS property to change the background color of an element to Hex 447F53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#447F53 }
```

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

```
.background{ background-color:#447F53 }
```

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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