

Converting Colors

Hex(437F57)

Have a look what the booklet for
Hex(437F57) contains.

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Color

Hex(437F57)

Conversions

Conversions Part 1

Format	Color
Hex	437F57
RGB	67, 127, 87
RGB Percent	26%, 50%, 34%
CMY	0.7373, 0.5020, 0.6588
CMYK	0.47, 0.00, 0.31, 0.50
HSL	140°, 31%, 38%
HSV	140°, 47%, 50%
XYZ	11.6244, 17.0602, 11.6971
YIQ	104.5000, -22.9200, -25.1600

Conversions

Conversions Part 2

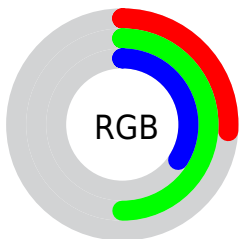
Format	Color
RYB	67, 112, 127
Decimal	4423511
CIELab	48.34, -29.12, 15.85
CIELCh	48, 33.154, 151.445
Yxy	17.0602, 0.2879, 0.4225
Android (android.graphics.Color)	4282613591 (0xFF437F57)
YUV	104.5000, -8.6275, -32.8875
Hunter-Lab	41.3039, -22.0456, 12.1221

Details

The Hex color **437F57** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7F436B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **77B489**, and **0C4D29** is the 20% darker color. If you saturate the color by 10%, you get **367F4F**, and if you desaturate by 10%, it is **507F5F**.

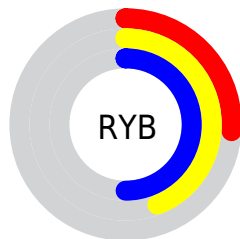
Distribution



Red (26%)

Green (50%)

Blue (34%)



Red (26%)

Yellow (44%)

Blue (50%)

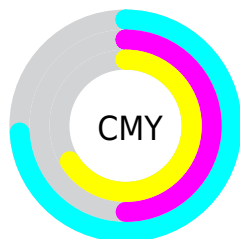


Cyan (47%)

Magenta (0%)

Yellow (31%)

Black (50%)



Cyan (74%)

Magenta (50%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 437F57 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 437F57 by changing the saturation by 10% instead.

 437F57

 437F57

FFFFFF

 296640

 77B489

 0C4D29

 91D0A3

 003614

 ADECBF

 002200

 C8FFDA

 000000

 E5FFF7

 437F57

 437F57

 367F4F

 507F5F

 2A7F46

 5C7F68

 1D7F3E

 697F70

 107F35

 767F79

 037F2D

 837F81

 007F2A

 8F7F8A

 9C7F92

 A97F9B

 B57FA3

Harmonies

Analogous

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



667A42



437F57



068173

Triad

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



437F57



4875AA



A75F57

Complementary

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



437F57



7F436B

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.



A75C72



437F57



776BA3

Square

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



437F57



007DA3



97618E



9A6842

Rectangle

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



437F57



008186



97618E



A85D60

Sweetspot

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



437F57



8FA696



6B7F43



46544B



D4D4D4



545454

Same Dimension

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



437F57



47A667



437F75



39403C



00802B



000000

Inverse Universe

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



7F436B



A64786



7F434D



40393E



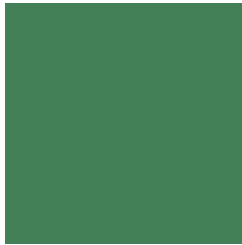
800055



000000

Previews

White Background



This preview shows how the Hex color 437F57 looks on a white background.

Color Contrast Check

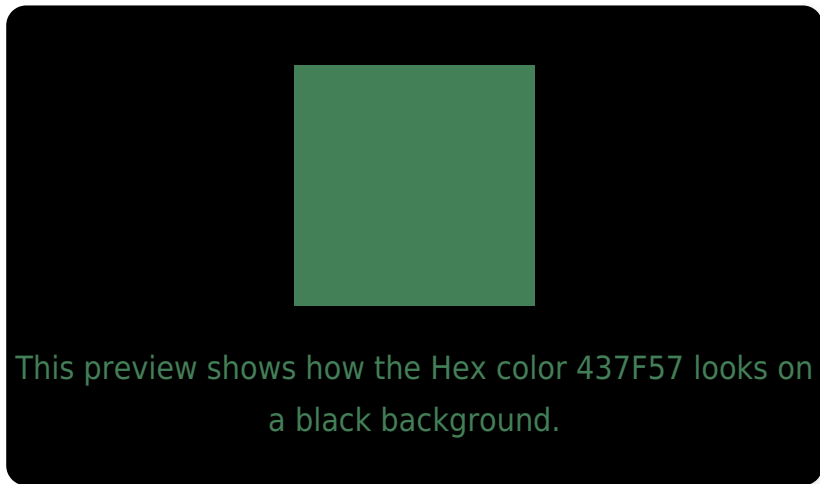
Large Text (above 18pt) WCAG AA ✓ Pass

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 437F57 Background



This preview shows how black text looks on a background with the Hex color 437F57.



This preview shows how white text looks on a background with the Hex color 437F57.

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





Tritanopia
4E7983

Trichromacy



Original Color
437F57

Protanomaly
677753

Deuteranomaly
6D745A

Tritanomaly
4A7B73

Monochromacy



Original Color
437F57

Achromatopsia
696969

Achromatomaly
5B7162

CSS Examples

Text

The CSS property to change the color of the text to Hex 437F57 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 #437F57 looks like.

```
.text, #text, p{  
    color:#437F57  
}
```

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 #437F57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #437F57
}
```

Border

The CSS property to change the border of an element to Hex 437F57 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".

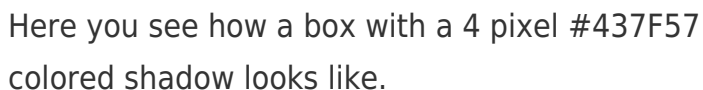
```
.border, #border, table{ border:4px solid
#437F57 }
```

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

```
.border{ border-color:#437F57 }
```

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

Here you see how a box with a 4 pixel #437F57 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #437F57; -webkit-box-shadow:4px 4px  
4px 4px #437F57; box-shadow:4px 4px 4px  
4px #437F57 }
```

Background

The CSS property to change the background color of an element to Hex 437F57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#437F57 }
```

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

```
.background{ background-color:#437F57 }
```

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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