

Converting Colors

Hex(437B5F)

Have a look what the booklet for
Hex(437B5F) contains.

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Color

Hex(437B5F)

Conversions

Conversions Part 1

Format	Color
Hex	437B5F
RGB	67, 123, 95
RGB Percent	26%, 48%, 37%
CMY	0.7373, 0.5176, 0.6275
CMYK	0.46, 0.00, 0.23, 0.52
HSL	150°, 29%, 37%
HSV	150°, 46%, 48%
XYZ	11.4633, 16.1854, 13.3464
YIQ	103.0640, -24.3880, -20.5800

Conversions

Conversions Part 2

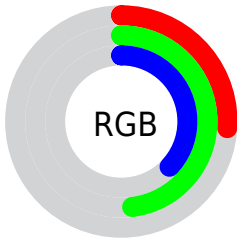
Format	Color
RYB	67, 104, 123
Decimal	4422495
CIELab	47.22, -25.45, 9.65
CIELCh	47, 27.217, 159.244
Yxy	16.1854, 0.2796, 0.3948
Android (android.graphics.Color)	4282612575 (0xFF437B5F)
YUV	103.0640, -3.9756, -31.6281
Hunter-Lab	40.2311, -19.5436, 8.4927

Details

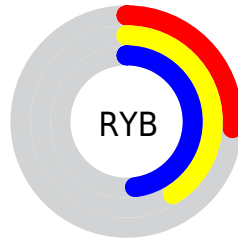
The Hex color **437B5F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7B435F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **76B091**, and **0E4A31** is the 20% darker color. If you saturate the color by 10%, you get **377B59**, and if you desaturate by 10%, it is **4F7B65**.

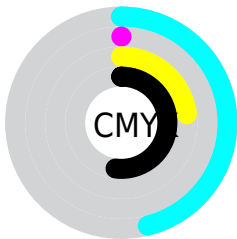
Distribution



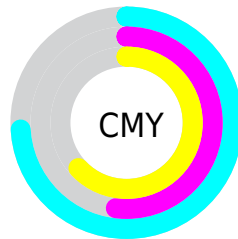
- Red (26%)
- Green (48%)
- Blue (37%)



- Red (26%)
- Yellow (41%)
- Blue (48%)



- Cyan (46%)
- Magenta (0%)
- Yellow (23%)
- Black (52%)



- Cyan (74%)
- Magenta (52%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 437B5F 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 437B5F by changing the saturation by 10% instead.



437B5F



437B5F

FFFFFF



2A6247



76B091



0E4A31



91CBAC



00331C



ACE8C7



001F02



C8FFE3



000000



E4FFFF



437B5F



437B5F



377B59



4F7B65



2A7B53



5C7B6B

■ 1E7B4D

■ 687B71

■ 127B46

■ 747B78

■ 057B40

■ 817B7E

■ 007B3E

■ 8D7B84

■ 997B8A

■ A57B90

■ B27B96

Harmonies

Analogous

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



5F774C



437B5F



247C77

Triad

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



437B5F



5B709D



9A6254

Complementary

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



437B5F



7B435F

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.



9C5E6A



437B5F



7C6793

Square

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



437B5F



34779A



926081



8D6946

Rectangle

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



437B5F



137C86



926081



9C605B

Sweetspot

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



437B5F



8AA195



5F7B43



44524B



D1D1D1



525252

Same Dimension

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



437B5F



48A174



437B7B



373D3A



007D3E



00FC7E

Inverse Universe

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



7B435F



A14874



7B4343



3D373A



7D003E



FC007E

Previews

White Background



This preview shows how the Hex color 437B5F looks on a white background.

Color Contrast Check

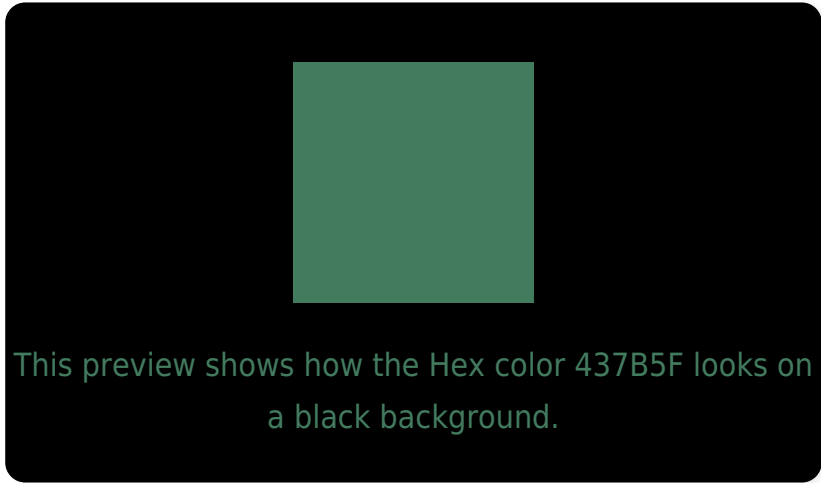
Large Text (above 18pt) WCAG AA ✓ Pass

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

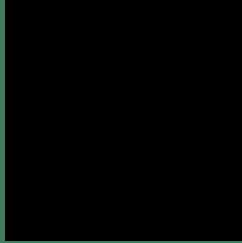
Any Text WCAG AA × Fail

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 437B5F Background



This preview shows how black text looks on a background with the Hex color 437B5F.

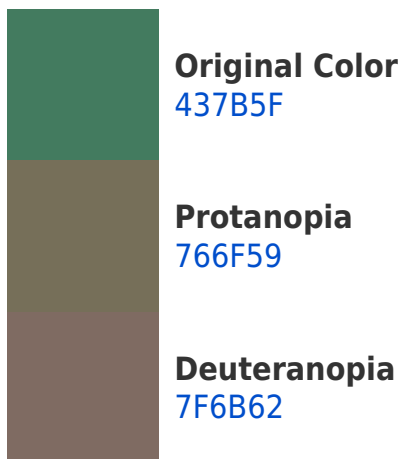


This preview shows how white text looks on a background with the Hex color 437B5F.

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
4B7780

Trichromacy



Original Color
437B5F

Protanomaly
63735B

Deuteranomaly
697161

Tritanomaly
487874

Monochromacy



Original Color
437B5F

Achromatopsia
676767

Achromatomaly
5A6E64

CSS Examples

Text

The CSS property to change the color of the text to Hex 437B5F 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 #437B5F looks like.

```
.text, #text, p{  
    color:#437B5F  
}
```

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 #437B5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #437B5F
}
```

Border

The CSS property to change the border of an element to Hex 437B5F 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
#437B5F }
```

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

```
.border{ border-color:#437B5F }
```

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

Here you see how a box with a 4 pixel #437B5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #437B5F; -webkit-box-shadow:4px 4px  
4px 4px #437B5F; box-shadow:4px 4px 4px  
4px #437B5F }
```

Background

The CSS property to change the background color of an element to Hex 437B5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#437B5F }
```

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

```
.background{ background-color:#437B5F }
```

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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