

Converting Colors

Hex(437F2F)

Have a look what the booklet for
Hex(437F2F) contains.

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Color

Hex(437F2F)

Conversions

Conversions Part 1

Format	Color
Hex	437F2F
RGB	67, 127, 47
RGB Percent	26%, 50%, 18%
CMY	0.7373, 0.5020, 0.8157
CMYK	0.47, 0.00, 0.63, 0.50
HSL	105°, 46%, 34%
HSV	105°, 63%, 50%
XYZ	10.4172, 16.5773, 5.3400
YIQ	99.9400, -10.0800, -37.6000

Conversions

Conversions Part 2

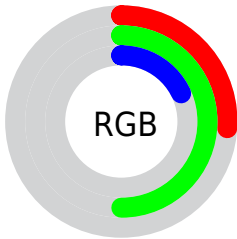
Format	Color
R_{YB}	47, 127, 107
Decimal	4423471
CIE _{Lab}	47.72, -35.39, 36.66
CIE _{LCh}	48, 50.952, 133.988
Yxy	16.5773, 0.3222, 0.5127
Android (android.graphics.Color)	4282613551 (0xFF437F2F)
YUV	99.9400, -26.0994, -28.8884
Hunter-Lab	40.7152, -25.5814, 20.7244

Details

The Hex color **437F2F** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **6B2F7F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **78B460**, and **074D00** is the 20% darker color. If you saturate the color by 10%, you get **397F22**, and if you desaturate by 10%, it is **4D7F3C**.

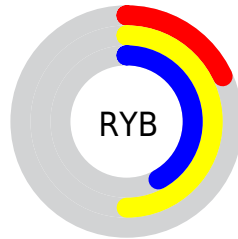
Distribution



Red (26%)

Green (50%)

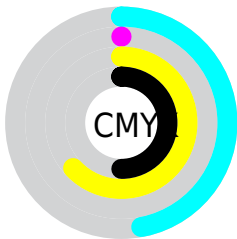
Blue (18%)



Red (18%)

Yellow (50%)

Blue (42%)

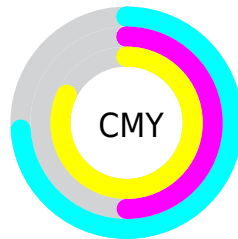


Cyan (47%)

Magenta (0%)

Yellow (63%)

Black (50%)



Cyan (74%)

Magenta (50%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 437F2F 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 437F2F by changing the saturation by 10% instead.



437F2F



437F2F

FFFFFF



286616



78B460



074D00



93D07A



003600



AEED94



002200



CBFFAF



000000



E7FFCB



FFFFE8



437F2F



437F2F



397F22



4D7F3C

■ 307F16

■ 567F48

■ 267F09

■ 607F55

■ 207F00

■ 697F62

■ 737F6F

■ 7C7F7B

■ 867F88

■ 8F7F95

■ 997FA1

Harmonies

Analogous

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



747511



437F2F



008458

Triad

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



437F2F



007CC4



BF485F

Complementary

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



437F2F



6B2F7F

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.



B34C8A



437F2F



416FC5

Square

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



437F2F



0084AC



8D5DAF



B55537

Rectangle

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



437F2F



008676



8D5DAF



BE476D

Sweetspot

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



437F2F



8EA686



7F6B2F



465441



D4D4D4



545454

Same Dimension

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



437F2F



47A628



2F7F43



3B4039



208000



000000

Inverse Universe

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



6B2F7F



8628A6



7F2F6B



3E3940



600080



000000

Previews

White Background



This preview shows how the Hex color 437F2F looks on a white background.

Color Contrast Check

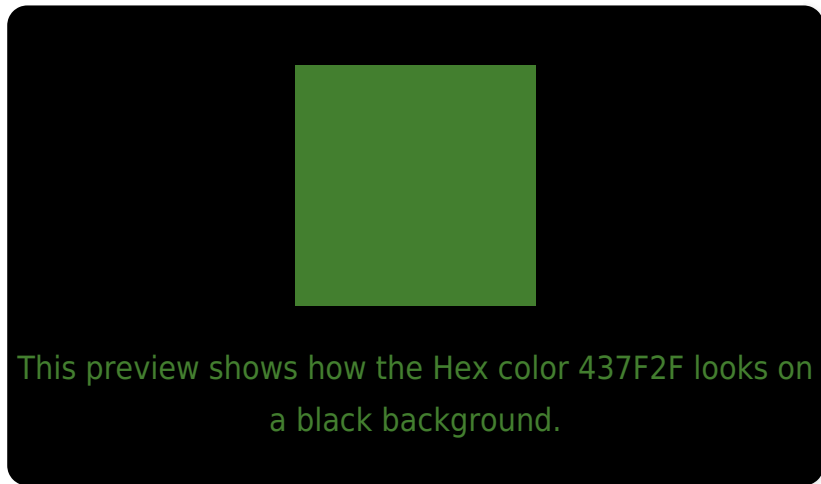
Large Text (above 18pt) WCAG AA ✓ Pass

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 437F2F Background



This preview shows how black text looks on a background with the Hex color 437F2F.



This preview shows how white text looks on a background with the Hex color 437F2F.

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
527780

Trichromacy



Original Color
437F2F

Protanomaly
69762C

Deuteranomaly
717233

Tritanomaly
4D7A63

Monochromacy



Original Color
437F2F

Achromatopsia
646464

Achromatomaly
586E51

CSS Examples

Text

The CSS property to change the color of the text to Hex 437F2F 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 #437F2F looks like.

```
.text, #text, p{  
    color:#437F2F  
}
```

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 #437F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #437F2F
}
```

Border

The CSS property to change the border of an element to Hex 437F2F 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
#437F2F }
```

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

```
.border{ border-color:#437F2F }
```

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

Here you see how a box with a 4 pixel #437F2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #437F2F; -webkit-box-shadow:4px 4px  
4px 4px #437F2F; box-shadow:4px 4px 4px  
4px #437F2F }
```

Background

The CSS property to change the background color of an element to Hex 437F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#437F2F }
```

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

```
.background{ background-color:#437F2F }
```

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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