

# Converting Colors

Hex(4F3A47)

Have a look what the booklet for  
Hex(4F3A47) contains.

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# Color

**Hex(4F3A47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F3A47
RGB	79, 58, 71
RGB Percent	31%, 23%, 28%
CMY	0.6902, 0.7725, 0.7216
CMYK	0.00, 0.27, 0.10, 0.69
HSL	323°, 15%, 27%
HSV	323°, 27%, 31%
XYZ	5.8748, 5.1433, 6.6444
YIQ	65.7610, 8.3430, 8.4950

# Conversions

## Conversions Part 2

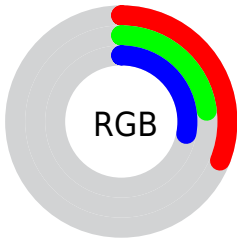
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 58, 71
Decimal	5192263
CIE Lab	27.14, 11.75, -4.36
CIE LCh	27, 12.531, 339.629
Yxy	5.1433, 0.3326, 0.2912
Android (android.graphics.Color)	4283382343 (0xFF4F3A47)
YUV	65.7610, 2.5828, 11.6106
Hunter-Lab	22.6789, 6.5514, -1.4953

# Details

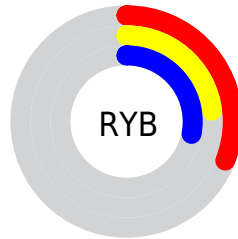
The Hex color **4F3A47** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A4F42**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **806977**, and **22101C** is the 20% darker color. If you saturate the color by 10%, you get **4F3244**, and if you desaturate by 10%, it is **4F424A**.

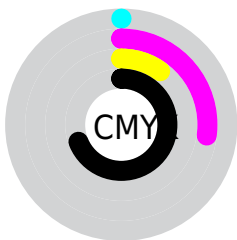
# Distribution



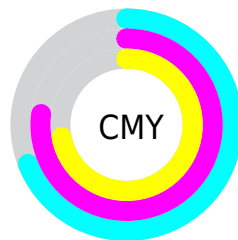
- Red (31%)
- Green (23%)
- Blue (28%)



- Red (31%)
- Yellow (23%)
- Blue (28%)



- Cyan (0%)
- Magenta (27%)
- Yellow (10%)
- Black (69%)



- Cyan (69%)
- Magenta (77%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F3A47 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 4F3A47 by changing the saturation by 10% instead.





4F3A47



4F3A47

FFFFFF



382431



806977



22101C



9B8391



000000



B59DAC



D1B8C7



EDD3E3



FFF0FF



4F3A47



4F3A47



4F3244



4F424A

■ 4F2A41

■ 4F4A4D

■ 4F223E

■ 4F5250

■ 4F1A3B

■ 4F5A53

■ 4F1238

■ 4F6256

■ 4F0B35

■ 4F6959

■ 4F0332

■ 4F715C

■ 4F0031

■ 4F795F

■ 4F8162

# Harmonies

## Analogous

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



463D4F



4F3A47



53393D

# Triad

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



4F3A47



44402D



24454C

# Complementary

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



4F3A47



3A4F42

# 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.



264643



4F3A47



394331

# Square

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



4F3A47



4D3D2E



2F4539



2C4352

# Rectangle

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



4F3A47



533A37



2F4539



244549



# Sweetspot

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



4F3A47



665E63



423A4F



332E31



B3B3B3



333333



# Same Dimension

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



4F3A47



66455A



4F3A3D



262225



66003F



E6008E



# Inverse Universe

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



4F3A47



66455A



3A4F4C



262225



66003F



E6008E



# Previews

## White Background



This preview shows how the Hex color 4F3A47 looks on a white background.

## Color Contrast Check

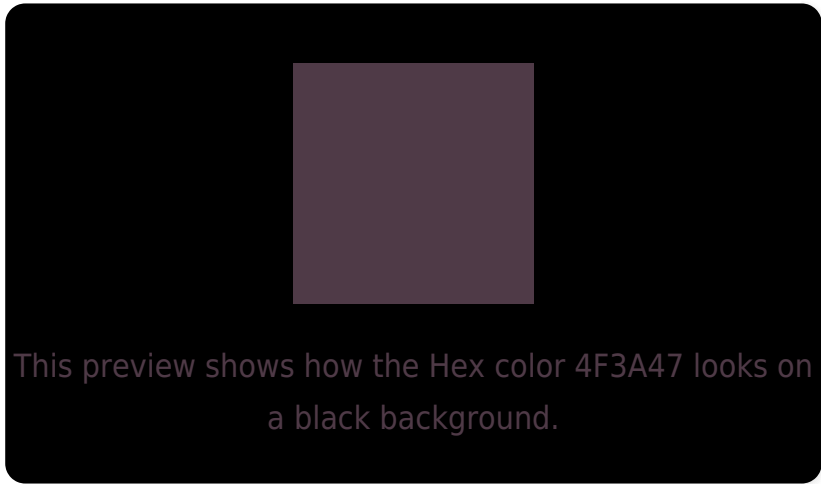
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

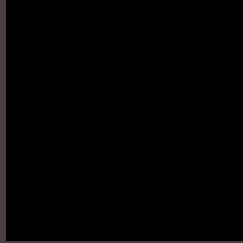
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F3A47 Background



This preview shows how black text looks on a background with the Hex color 4F3A47.

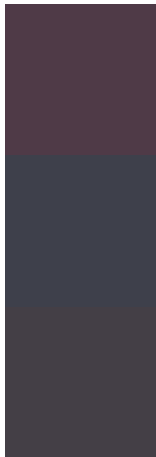


This preview shows how white text looks on a background with the Hex color 4F3A47.

# 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](#).

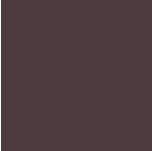
## Dichromacy



**Original Color**  
4F3A47

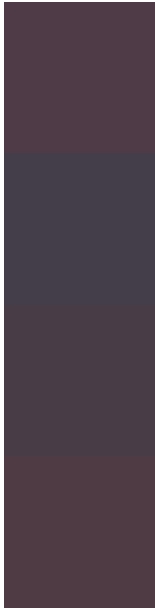
**Protanopia**  
3E404B

**Deuteranopia**  
443F46



**Tritanopia**  
4E3B40

# Trichromacy



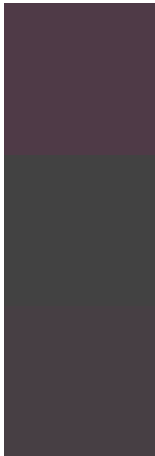
**Original Color**  
4F3A47

**Protanomaly**  
443E4A

**Deuteranomaly**  
483D46

**Tritanomaly**  
4E3B43

# Monochromacy



**Original Color**  
4F3A47

**Achromatopsia**  
424242

**Achromatomaly**  
473F44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F3A47 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 #4F3A47 looks like.

```
.text, #text, p{  
    color:#4F3A47  
}
```

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 #4F3A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F3A47
}
```

## Border

The CSS property to change the border of an element to Hex 4F3A47 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".

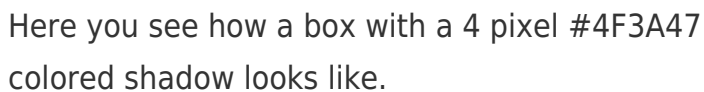
```
.border, #border, table{ border:4px solid
#4F3A47 }
```

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

```
.border{ border-color:#4F3A47 }
```

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

Here you see how a box with a 4 pixel #4F3A47 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F3A47; -webkit-box-shadow:4px 4px  
4px 4px #4F3A47; box-shadow:4px 4px 4px  
4px #4F3A47 }
```

# Background

The CSS property to change the background color of an element to Hex 4F3A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F3A47 }
```

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

```
.background{ background-color:#4F3A47 }
```

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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