

Converting Colors

Hex(4F3A49)

Have a look what the booklet for
Hex(4F3A49) contains.

Hex(4F3A49)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4F3A49)

Conversions

Conversions Part 1

Format	Color
Hex	4F3A49
RGB	79, 58, 73
RGB Percent	31%, 23%, 29%
CMY	0.6902, 0.7725, 0.7137
CMYK	0.00, 0.27, 0.08, 0.69
HSL	317°, 15%, 27%
HSV	317°, 27%, 31%
XYZ	5.9401, 5.1694, 6.9880
YIQ	65.9890, 7.7010, 9.1170

Conversions

Conversions Part 2

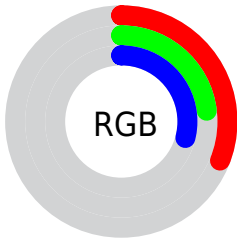
Format	Color
RYB	79, 58, 73
Decimal	5192265
CIELab	27.21, 12.16, -5.57
CIElCh	27, 13.378, 335.389
Yxy	5.1694, 0.3282, 0.2856
Android (android.graphics.Color)	4283382345 (0xFF4F3A49)
YUV	65.9890, 3.4564, 11.4106
Hunter-Lab	22.7363, 6.8463, -2.3074

Details

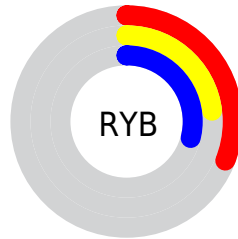
The Hex color **4F3A49** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A4F40**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **80697A**, and **22101D** is the 20% darker color. If you saturate the color by 10%, you get **4F3247**, and if you desaturate by 10%, it is **4F424B**.

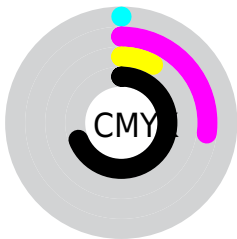
Distribution



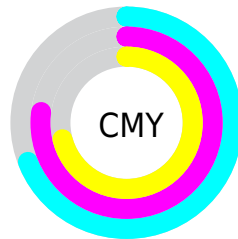
- Red (31%)
- Green (23%)
- Blue (29%)



- Red (31%)
- Yellow (23%)
- Blue (29%)



- Cyan (0%)
- Magenta (27%)
- Yellow (8%)
- Black (69%)



- Cyan (69%)
- Magenta (77%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F3A49 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 4F3A49 by changing the saturation by 10% instead.



4F3A49



4F3A49

FFFFFF



382432



80697A



22101D



9B8393



000002



B59DAE



000000



D1B8C9



EDD3E5



FFF0FF



4F3A49



4F3A49



4F3247



4F424B

■ 4F2A44

■ 4F4A4E

■ 4F2242

■ 4F5250

■ 4F1A40

■ 4F5A52

■ 4F123E

■ 4F6254

■ 4F0B3B

■ 4F6957

■ 4F0339

■ 4F7159

■ 4F0038

■ 4F795B

■ 4F815D

Harmonies

Analogous

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



443D51



4F3A49



55393F

Triad

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



4F3A49



46402C



22464C

Complementary

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



4F3A49



3A4F40

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.



254642



4F3A49



3B432F

Square

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



4F3A49



4F3D2E



2F4537



294453

Rectangle

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



4F3A49



553938



2F4537



224649

Sweetspot

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



4F3A49



665E64



403A4F



332E32



B3B3B3



333333

Same Dimension

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



4F3A49



66455D



4F3A3F



262225



660049



E600A4

Inverse Universe

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



4F3A49



66455D



3A4F4A



262225



660049



E600A4

Previews

White Background



This preview shows how the Hex color 4F3A49 looks on a white background.

Color Contrast Check

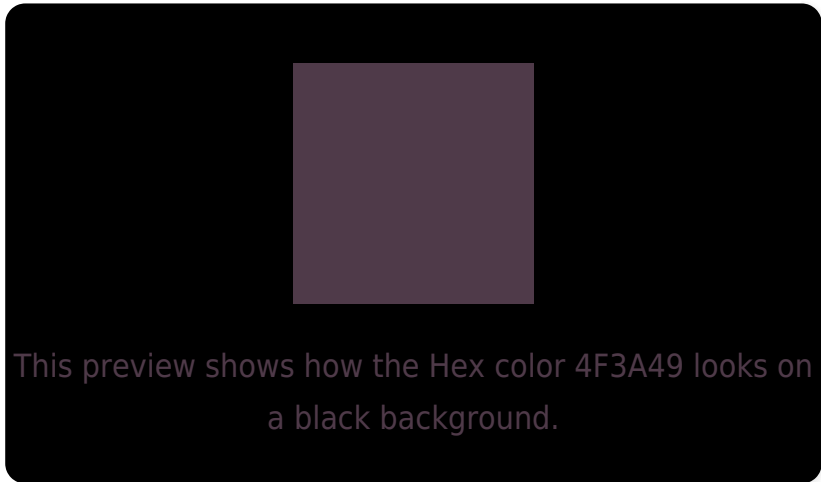
Large Text (above 18pt) WCAG AA ✓ Pass

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

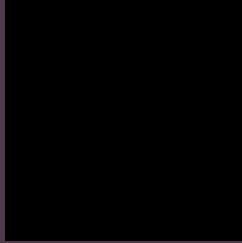
Any Text WCAG AA × Fail

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 4F3A49 Background



This preview shows how black text looks on a background with the Hex color 4F3A49.



This preview shows how white text looks on a background with the Hex color 4F3A49.

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
4F3A49

Protanopia
3E404D

Deuteranopia
433F48



Tritanopia
4E3C40

Trichromacy



Original Color

4F3A49

Protanomaly

443E4C

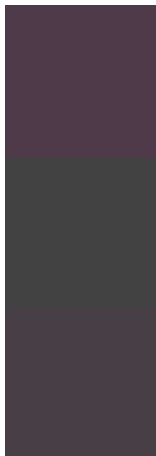
Deuteranomaly

473D48

Tritanomaly

4E3B43

Monochromacy



Original Color

4F3A49

Achromatopsia

424242

Achromatomaly

473F45

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F3A49 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 #4F3A49 looks like.

```
.text, #text, p{  
    color:#4F3A49  
}
```

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 #4F3A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F3A49
}
```

Border

The CSS property to change the border of an element to Hex 4F3A49 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
#4F3A49 }
```

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

```
.border{ border-color:#4F3A49 }
```

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

Here you see how a box with a 4 pixel #4F3A49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F3A49; -webkit-box-shadow:4px 4px  
4px 4px #4F3A49; box-shadow:4px 4px 4px  
4px #4F3A49 }
```

Background

The CSS property to change the background color of an element to Hex 4F3A49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F3A49 }
```

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

```
.background{ background-color:#4F3A49 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor