

Converting Colors

Hex(4F3C40)

Have a look what the booklet for
Hex(4F3C40) contains.

Hex(4F3C40)	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(4F3C40)

Conversions

Conversions Part 1

Format	Color
Hex	4F3C40
RGB	79, 60, 64
RGB Percent	31%, 24%, 25%
CMY	0.6902, 0.7647, 0.7490
CMYK	0.00, 0.24, 0.19, 0.69
HSL	347°, 14%, 27%
HSV	347°, 24%, 31%
XYZ	5.7657, 5.2641, 5.5627
YIQ	66.1370, 10.0400, 5.2720

Conversions

Conversions Part 2

Format	Color
R_{YB}	79, 60, 64
Decimal	5192768
CIE Lab	27.47, 9.07, 0.74
CIE LCh	27, 9.101, 4.692
Yxy	5.2641, 0.3475, 0.3173
Android (android.graphics.Color)	4283382848 (0xFF4F3C40)
YUV	66.1370, -1.0535, 11.2809
Hunter-Lab	22.9437, 4.7052, 1.6858

Details

The Hex color **4F3C40** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C4F4B**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **806B70**, and **221216** is the 20% darker color. If you saturate the color by 10%, you get **4F343A**, and if you desaturate by 10%, it is **4F4446**.

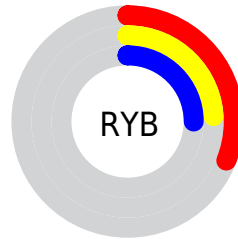
Distribution



Red (31%)

Green (24%)

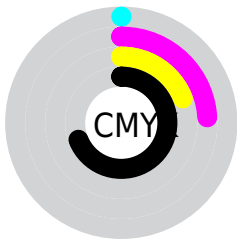
Blue (25%)



Red (31%)

Yellow (24%)

Blue (25%)

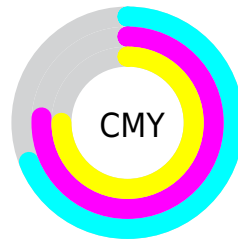


Cyan (0%)

Magenta (24%)

Yellow (19%)

Black (69%)



Cyan (69%)

Magenta (76%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F3C40 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 4F3C40 by changing the saturation by 10% instead.

■ 4F3C40

■ 4F3C40

FFFFFF

■ 38262A

■ 806B70

■ 221216

■ 9B8589

■ 000000

■ B59FA3

■ D1BABE

■ EDD5DA

■ FFF2F7

■ 4F3C40

■ 4F3C40

■ 4F343A

■ 4F4446

■ 4F2C34

■ 4F4C4C

■ 4F242D

■ 4F5453

■ 4F1C27

■ 4F5C59

■ 4F1421

■ 4F645F

■ 4F0D1B

■ 4F6B65

■ 4F0514

■ 4F736C

■ 4F0011

■ 4F7B72

■ 4F8378

Harmonies

Analogous

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



4B3D47



4F3C40



4F3D39

Triad

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



4F3C40



3D4335



32434D

Complementary

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



4F3C40



3C4F4B

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.



2E4549



4F3C40



36443B

Square

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



4F3C40



454133



304542



3A414F

Rectangle

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



4F3C40



4D3E36



304542



30444C

Sweetspot

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



4F3C40



665F60



4B3C4F



332F30



B3B3B3



333333

Same Dimension

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



4F3C40



66484F



4F413C



262223



660015



E60030

Inverse Universe

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



4F3C40



66484F



3C4A4F



262223



660015



E60030

Previews

White Background



This preview shows how the Hex color 4F3C40 looks on a white background.

Color Contrast Check

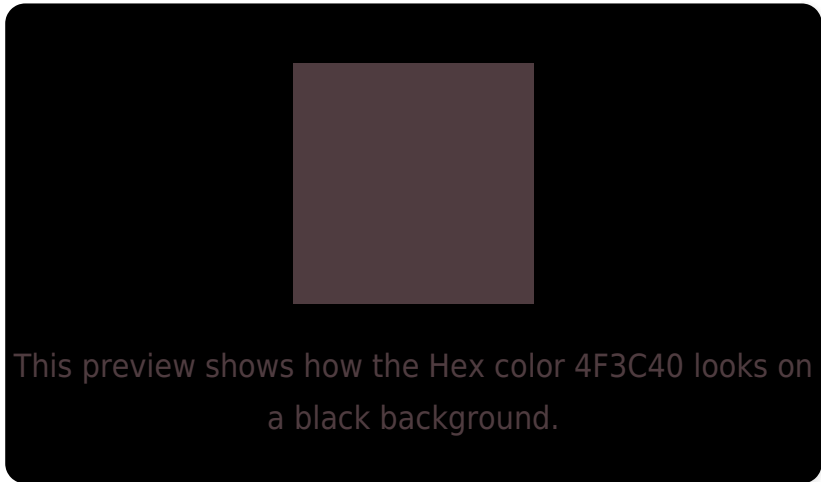
Large Text (above 18pt) WCAG AA ✓ Pass

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

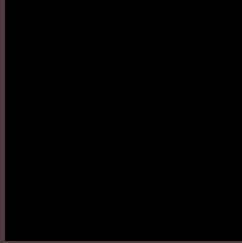
Any Text WCAG AA × Fail

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 4F3C40 Background



This preview shows how black text looks on a background with the Hex color 4F3C40.

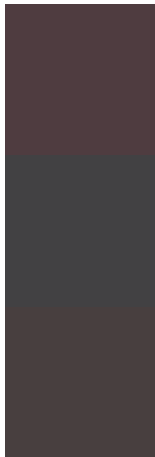


This preview shows how white text looks on a background with the Hex color 4F3C40.

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
4F3C40

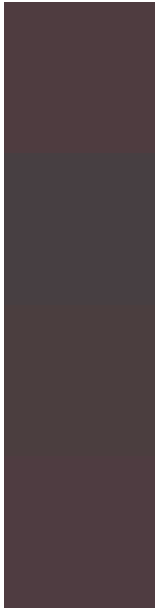
Protanopia
424143

Deuteranopia
483F3F



Tritanopia
4F3C41

Trichromacy



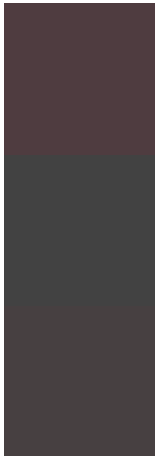
Original Color
4F3C40

Protanomaly
473F42

Deuteranomaly
4B3E3F

Tritanomaly
4F3C41

Monochromacy



Original Color
4F3C40

Achromatopsia
424242

Achromatomaly
474041

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F3C40 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 #4F3C40 looks like.

```
.text, #text, p{  
    color:#4F3C40  
}
```

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 #4F3C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F3C40
}
```

Border

The CSS property to change the border of an element to Hex 4F3C40 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
#4F3C40 }
```

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

```
.border{ border-color:#4F3C40 }
```

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

Here you see how a box with a 4 pixel #4F3C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F3C40; -webkit-box-shadow:4px 4px  
4px 4px #4F3C40; box-shadow:4px 4px 4px  
4px #4F3C40 }
```

Background

The CSS property to change the background color of an element to Hex 4F3C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F3C40 }
```

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

```
.background{ background-color:#4F3C40 }
```

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