

# Converting Colors

Hex(3F4327)

Have a look what the booklet for  
Hex(3F4327) contains.

<b>Hex(3F4327)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(3F4327)

# Conversions

## Conversions Part 1

Format	Color
Hex	3F4327
RGB	63, 67, 39
RGB Percent	25%, 26%, 15%
CMY	0.7529, 0.7373, 0.8471
CMYK	0.06, 0.00, 0.42, 0.74
HSL	69°, 26%, 21%
HSV	69°, 42%, 26%
XYZ	4.4233, 5.2176, 2.6934
YIQ	62.6120, 6.6040, -9.5560

# Conversions

## Conversions Part 2

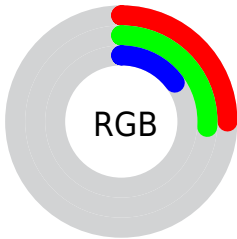
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 67, 43
Decimal	4145959
CIE Lab	27.35, -6.99, 16.46
CIE LCh	27, 17.882, 113.003
Yxy	5.2176, 0.3586, 0.4230
Android (android.graphics.Color)	4282336039 (0xFF3F4327)
YUV	62.6120, -11.6407, 0.3403
Hunter-Lab	22.8420, -5.4076, 8.9982

# Details

The Hex color **3F4327** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2B2743**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **6F7354**, and **141800** is the 20% darker color. If you saturate the color by 10%, you get **3E4320**, and if you desaturate by 10%, it is **40432E**.

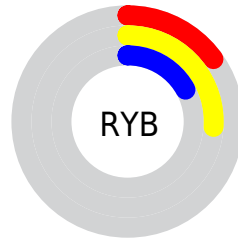
# Distribution



Red (25%)

Green (26%)

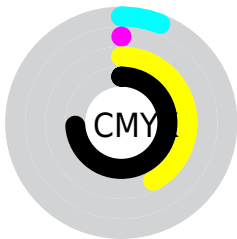
Blue (15%)



Red (15%)

Yellow (26%)

Blue (17%)

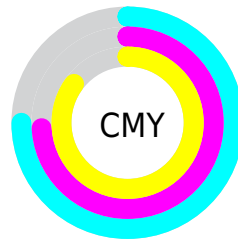


Cyan (6%)

Magenta (0%)

Yellow (42%)

Black (74%)



Cyan (75%)

Magenta (74%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F4327 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 3F4327 by changing the saturation by 10% instead.





3F4327



3F4327

FFFFFF



292D12



6F7354



141800



898C6D



000000



A3A786



BEC2A0



DADEBC



F7FAD7



FFFFFF4



3F4327



3F4327

■ 3E4320

■ 40432E

■ 3D431A

■ 414334

■ 3C4313

■ 42433B

■ 3B430C

■ 434342

■ 3A4306

■ 444349

■ 394300

■ 45434F

■ 464356

■ 47435D

■ 484363

# Harmonies

## Analogous

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



4D3F25



3F4327



2F4630

# Triad

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



3F4327



134656



593644

# Complementary

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



3F4327



2B2743

# 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.



4F3951



3F4327



28435C

# Square

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



3F4327



0F484B



3E3E5A



5B3737

# Rectangle

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



3F4327



244738



3E3E5A



563749



# Sweetspot

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



3F4327



55574B



432B27



2A2B24



ABABAB



2B2B2B



# Same Dimension

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



3F4327



51572B



314327



21211E



536100



C0E000



# Inverse Universe

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



2B2743



322B57



392743



1E1E21



0E0061



2000E0



# Previews

## White Background



This preview shows how the Hex color 3F4327 looks on a white background.

## Color Contrast Check

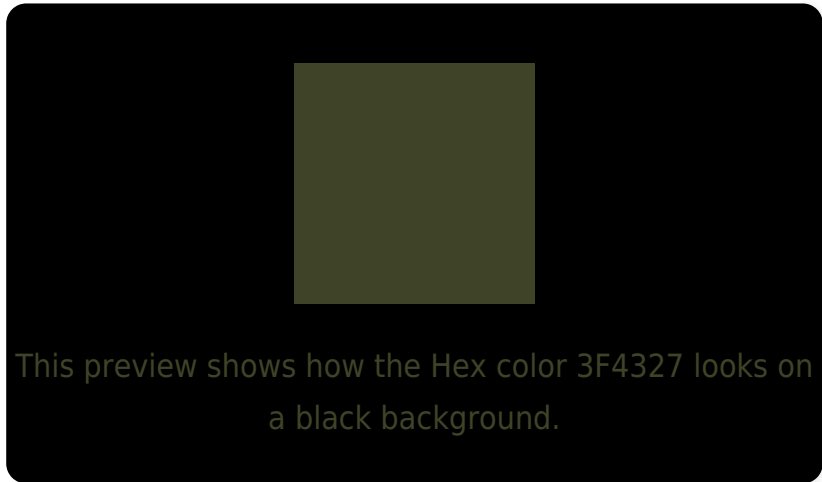
Large Text (above 18pt) WCAG AA ✓ Pass

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

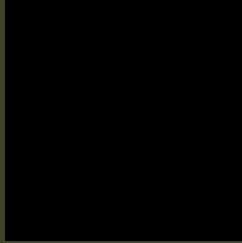
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F4327 Background



This preview shows how black text looks on a background with the Hex color 3F4327.

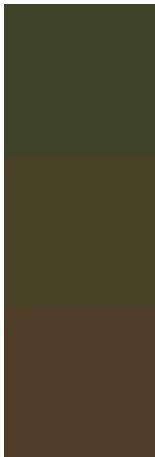


This preview shows how white text looks on a background with the Hex color 3F4327.

# 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**  
3F4327

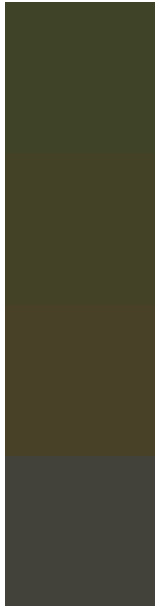
**Protanopia**  
474126

**Deuteranopia**  
4E3E28



**Tritanopia**  
434045

# Trichromacy



**Original Color**  
3F4327

**Protanomaly**  
444226

**Deuteranomaly**  
494028

**Tritanomaly**  
42413A

# Monochromacy



**Original Color**  
3F4327

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
3F4036

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F4327 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 #3F4327 looks like.

```
.text, #text, p{  
    color:#3F4327  
}
```

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 #3F4327 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4327
}
```

## Border

The CSS property to change the border of an element to Hex 3F4327 is called "border". The border property can be set on classes, ids or directly on the HTML element.

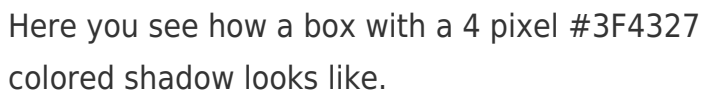
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F4327 }
```

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

```
.border{ border-color:#3F4327 }
```

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



Here you see how a box with a 4 pixel #3F4327 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4327; -webkit-box-shadow:4px 4px  
4px 4px #3F4327; box-shadow:4px 4px 4px  
4px #3F4327 }
```

# Background

The CSS property to change the background color of an element to Hex 3F4327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4327 }
```

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

```
.background{ background-color:#3F4327 }
```

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