

# Converting Colors

Hex(3F4125)

Have a look what the booklet for  
Hex(3F4125) contains.

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# Color

**Hex(3F4125)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F4125
RGB	63, 65, 37
RGB Percent	25%, 25%, 15%
CMY	0.7529, 0.7451, 0.8549
CMYK	0.03, 0.00, 0.43, 0.75
HSL	64°, 27%, 20%
HSV	64°, 43%, 25%
XYZ	4.2741, 4.9709, 2.4845
YIQ	61.2100, 7.7960, -9.1320

# Conversions

## Conversions Part 2

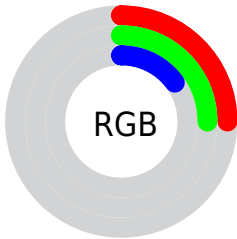
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 65, 39
Decimal	4145445
CIELab	26.65, -6.04, 16.81
CIELCh	27, 17.863, 109.765
Yxy	4.9709, 0.3644, 0.4238
Android (android.graphics.Color)	4282335525 (0xFF3F4125)
YUV	61.2100, -11.9355, 1.5698
Hunter-Lab	22.2956, -4.7983, 9.0000

# Details

The Hex color **3F4125** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **272541**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **6F7152**, and **131700** is the 20% darker color. If you saturate the color by 10%, you get **3F411F**, and if you desaturate by 10%, it is **3F412C**.

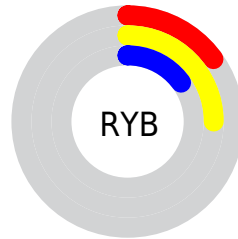
# Distribution



Red (25%)

Green (25%)

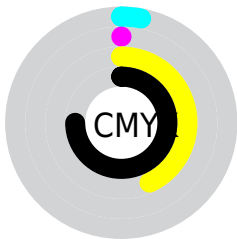
Blue (15%)



Red (15%)

Yellow (25%)

Blue (15%)

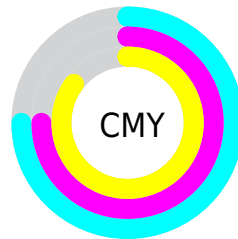


Cyan (3%)

Magenta (0%)

Yellow (43%)

Black (75%)



Cyan (75%)

Magenta (75%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F4125 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 3F4125 by changing the saturation by 10% instead.





3F4125



3F4125

FFFFFF



292B10



6F7152



131700



898A6B



000000



A3A484



BEBF9E



DADBB9



F7F8D5



FFFFFF1



3F4125



3F4125

■ 3F411F

■ 3F412C

■ 3E4118

■ 404132

■ 3E4112

■ 404139

■ 3D410B

■ 41413F

■ 3D4105

■ 414146

■ 3C4100

■ 42414C

■ 424153

■ 434159

■ 434160

# Harmonies

## Analogous

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



4C3D24



3F4125



2F442D

# Triad

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



3F4125



0F4553



573544

# Complementary

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



3F4125



272541

# 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.



4C3851



3F4125



24425A

# Square

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



3F4125



0E4648



3A3D59



5A3536

# Rectangle

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



3F4125



244635



3A3D59



543649



# Sweetspot

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



3F4125



535449



412725



2B2B24



ABABAB



2B2B2B



# Same Dimension

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



3F4125



515428



314125



21211E



5A6100



D0E000



# Inverse Universe

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



272541



2C2854



352541



1E1E21



070061



1000E0



# Previews

## White Background



This preview shows how the Hex color 3F4125 looks on a white background.

## Color Contrast Check

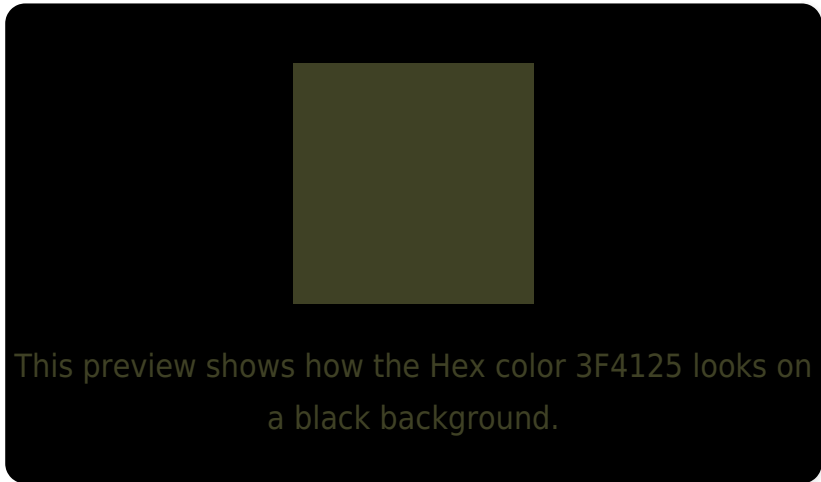
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F4125 Background



This preview shows how black text looks on a background with the Hex color 3F4125.

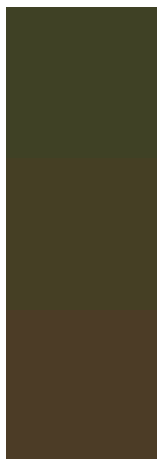


This preview shows how white text looks on a background with the Hex color 3F4125.

# 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**


3F4125

**Protanopia**

453F24

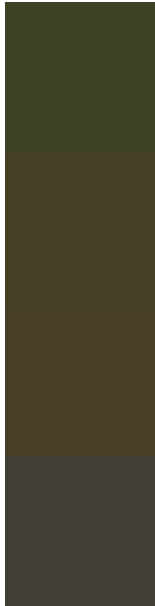
**Deuteranopia**

4C3C26



**Tritanopia**  
423E42

# Trichromacy



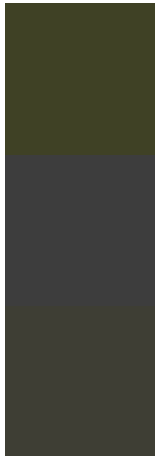
**Original Color**  
3F4125

**Protanomaly**  
434024

**Deuteranomaly**  
473E26

**Tritanomaly**  
413F37

# Monochromacy



**Original Color**  
3F4125

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
3E3E34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F4125 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 #3F4125 looks like.

```
.text, #text, p{  
    color:#3F4125  
}
```

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 #3F4125 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4125  
}
```

## Border

The CSS property to change the border of an element to Hex 3F4125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

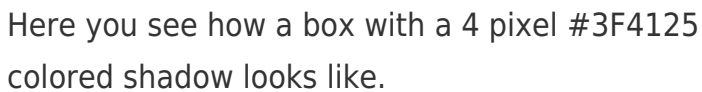
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3F4125 }
```

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

```
.border{ border-color:#3F4125 }
```

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



Here you see how a box with a 4 pixel #3F4125 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4125; -webkit-box-shadow:4px 4px  
4px 4px #3F4125; box-shadow:4px 4px 4px  
4px #3F4125 }
```

# Background

The CSS property to change the background color of an element to Hex 3F4125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4125 }
```

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

```
.background{ background-color:#3F4125 }
```

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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