

# Converting Colors

Hex(414234)

Have a look what the booklet for  
Hex(414234) contains.

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# Color

Hex(414234)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	414234
RGB	65, 66, 52
RGB Percent	25%, 26%, 20%
CMY	0.7451, 0.7412, 0.7961
CMYK	0.02, 0.00, 0.21, 0.74
HSL	64°, 12%, 23%
HSV	64°, 21%, 26%
XYZ	4.7480, 5.2682, 4.0154
YIQ	64.1050, 3.8980, -4.5660

# Conversions

## Conversions Part 2

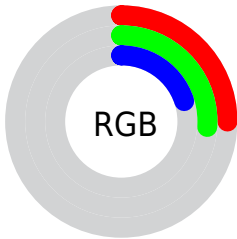
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 66, 53
Decimal	4276788
CIE <sub>Lab</sub>	27.49, -3.29, 8.40
CIE <sub>LCh</sub>	27, 9.026, 111.392
Yxy	5.2682, 0.3384, 0.3755
Android (android.graphics.Color)	4282466868 (0xFF414234)
YUV	64.1050, -5.9678, 0.7849
Hunter-Lab	22.9525, -3.2419, 5.6943

# Details

The Hex color **414234** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **353442**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **717262**, and **171707** is the 20% darker color. If you saturate the color by 10%, you get **41422D**, and if you desaturate by 10%, it is **41423B**.

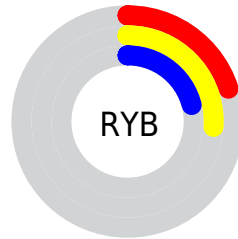
# Distribution



Red (25%)

Green (26%)

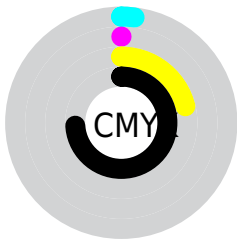
Blue (20%)



Red (20%)

Yellow (26%)

Blue (21%)

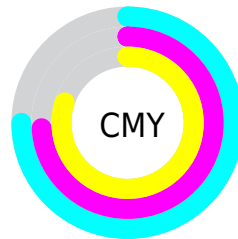


Cyan (2%)

Magenta (0%)

Yellow (21%)

Black (74%)



Cyan (75%)

Magenta (74%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 414234 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 414234 by changing the saturation by 10% instead.





414234



414234

FFFFFF



2B2C1F



717262



171707



8A8B7B



000000



A5A695



C0C1B0



DCDDCB



F8F9E7



414234



414234



41422D



41423B

■ 404227

■ 424241

■ 404220

■ 424248

■ 3F421A

■ 43424E

■ 3F4213

■ 434255

■ 3E420C

■ 44425C

■ 3E4206

■ 444262

■ 3D4200

■ 454269

■ 45426F

# Harmonies

## Analogous

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



484033



414234



394438

# Triad

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



414234



30444B



4E3C43

# Complementary

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



414234



353442

# 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.



483E4A



414234



37424E

# Square

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



414234



2F4546



40404E



4F3C3C

# Rectangle

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



414234



34453C



40404E



4C3D45



# Sweetspot

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



414234



565751



423534



2B2B28



ABABAB



2B2B2B



# Same Dimension

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



414234



555741



3A4234



21211E



5A6100



D0E000



# Inverse Universe

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



353442



434157



3C3442



1E1E21



070061



1000E0



# Previews

## White Background



This preview shows how the Hex color 414234 looks on a white background.

## Color Contrast Check

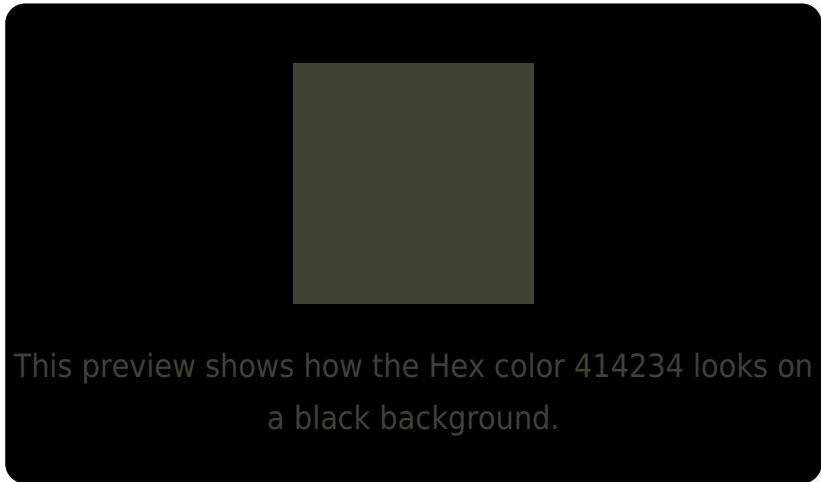
Large Text (above 18pt) WCAG AA ✓ Pass

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

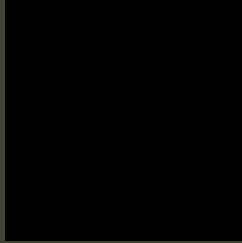
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

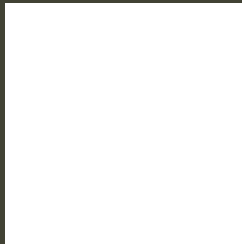
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 414234 Background



This preview shows how black text looks on a background with the Hex color 414234.

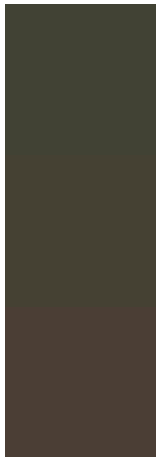


This preview shows how white text looks on a background with the Hex color 414234.

# 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**  
414234

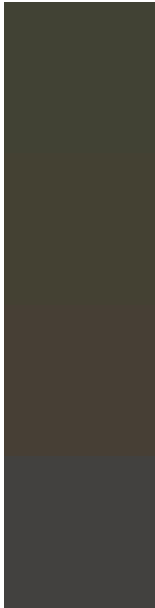
**Protanopia**  
454133

**Deuteranopia**  
4B3E35



**Tritanopia**  
434045

# Trichromacy



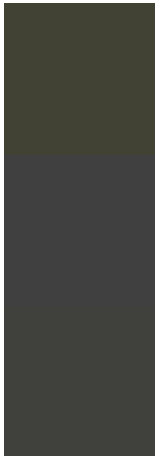
**Original Color**  
414234

**Protanomaly**  
444133

**Deuteranomaly**  
473F35

**Tritanomaly**  
42413F

# Monochromacy



**Original Color**  
414234

**Achromatopsia**  
404040

**Achromatomaly**  
40413C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 414234 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 #414234 looks like.

```
.text, #text, p{  
    color:#414234  
}
```

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 #414234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #414234
}
```

## Border

The CSS property to change the border of an element to Hex 414234 is called "border". The border property can be set on classes, ids or directly on the HTML element.

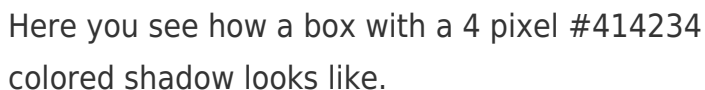
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#414234 }
```

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

```
.border{ border-color:#414234 }
```

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



Here you see how a box with a 4 pixel #414234 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #414234; -webkit-box-shadow:4px 4px  
4px 4px #414234; box-shadow:4px 4px 4px  
4px #414234 }
```

# Background

The CSS property to change the background color of an element to Hex 414234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#414234 }
```

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

```
.background{ background-color:#414234 }
```

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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