

# Converting Colors

Hex(417344)

Have a look what the booklet for  
Hex(417344) contains.

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# Color

Hex(417344)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	417344
RGB	65, 115, 68
RGB Percent	25%, 45%, 27%
CMY	0.7451, 0.5490, 0.7333
CMYK	0.43, 0.00, 0.41, 0.55
HSL	124°, 28%, 35%
HSV	124°, 43%, 45%
XYZ	9.3541, 13.8026, 7.6400
YIQ	94.6920, -14.7130, -25.2170

# Conversions

## Conversions Part 2

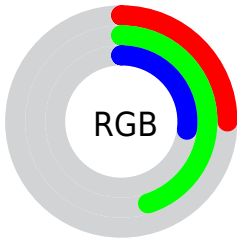
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">65, 112, 115</a>
Decimal	<a href="#">4289348</a>
CIELab	<a href="#">43.95, -27.55, 20.87</a>
CIElCh	<a href="#">44, 34.563, 142.859</a>
Yxy	<a href="#">13.8026, 0.3037, 0.4482</a>
Android (android.graphics.Color)	<a href="#">4282479428 (0xFF417344)</a>
YUV	<a href="#">94.6920, -13.1592, -26.0399</a>
Hunter-Lab	<a href="#">37.1519, -20.0732, 13.8138</a>

# Details

The Hex color **417344** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **734170**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **74A775**, and **0E4218** is the 20% darker color. If you saturate the color by 10%, you get **367339**, and if you desaturate by 10%, it is **4D734F**.

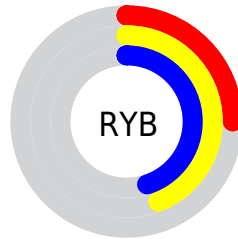
# Distribution



Red (25%)

Green (45%)

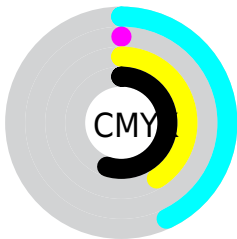
Blue (27%)



Red (25%)

Yellow (44%)

Blue (45%)

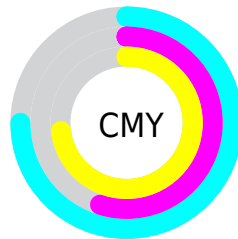


Cyan (43%)

Magenta (0%)

Yellow (41%)

Black (55%)



Cyan (75%)

Magenta (55%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 417344 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 417344 by changing the saturation by 10% instead.





417344



417344

FFFFFF



285A2D



74A775



0E4218



8EC38E



002B00



A9DFA9



001600



C5FCC4



000000



E1FFE0

FEFFFD



417344



417344



367339



4D734F

 2A732E

 58735A

 1F7324

 647364

 137319

 6F736F

 07730E

 7B737A

 007307

 867385

 927390

 9D739A

 A973A5

# Harmonies

## Analogous

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



636D31



417344



007660

# Triad

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



417344



216DA1



9E5153

# Complementary

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



417344



734170

# 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.



9A5070



417344



5F639D

# Square

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



417344



007395



85588B



94593B

# Rectangle

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



417344



007774



85588B



9E505D



# Sweetspot

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



417344



839684



717341



404D41



CCCCCC



4D4D4D



# Same Dimension

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



417344



48964D



41735D



353B35



007A07



00FA0F



# Inverse Universe

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



734170



964892



734157



3B353A



7A0073

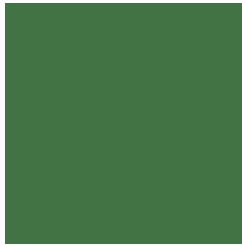


FA00EB



# Previews

## White Background



This preview shows how the Hex color 417344 looks on a white background.

## Color Contrast Check

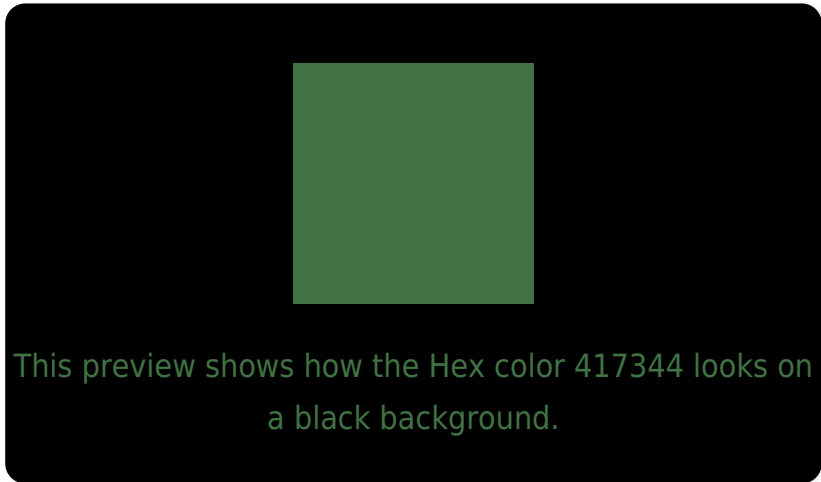
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

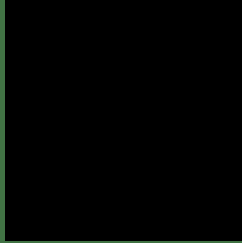
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 417344 Background



This preview shows how black text looks on a background with the Hex color 417344.



This preview shows how white text looks on a background with the Hex color 417344.

# 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**  
417344

**Protanopia**  
716740

**Deuteranopia**  
7B6348



**Tritanopia**  
4B6D76

# Trichromacy



**Original Color**  
417344

**Protanomaly**  
606B41

**Deuteranomaly**  
666947

**Tritanomaly**  
476F64

# Monochromacy



**Original Color**  
417344

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
546655

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 417344 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 #417344 looks like.

```
.text, #text, p{  
    color:#417344  
}
```

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 #417344 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #417344
}
```

## Border

The CSS property to change the border of an element to Hex 417344 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".

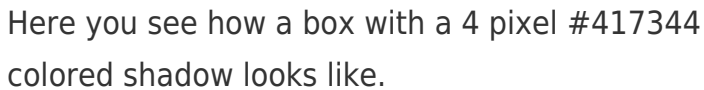
```
.border, #border, table{ border:4px solid
#417344 }
```

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

```
.border{ border-color:#417344 }
```

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

Here you see how a box with a 4 pixel #417344 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #417344; -webkit-box-shadow:4px 4px  
4px 4px #417344; box-shadow:4px 4px 4px  
4px #417344 }
```

# Background

The CSS property to change the background color of an element to Hex 417344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#417344 }
```

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

```
.background{ background-color:#417344 }
```

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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