

# Converting Colors

Hex(417400)

Have a look what the booklet for  
Hex(417400) contains.

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**Color**

**Hex(417400)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	417400
RGB	65, 116, 0
RGB Percent	25%, 45%, 0%
CMY	0.7451, 0.5451, 1.0000
CMYK	0.44, 0.00, 1.00, 0.55
HSL	86°, 100%, 23%
HSV	86°, 100%, 45%
XYZ	8.4254, 13.6146, 2.1838
YIQ	87.5270, 6.8400, -46.8880

# Conversions

## Conversions Part 2

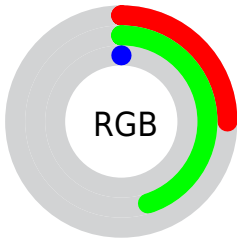
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 116, 51
Decimal	4289536
CIELab	43.68, -34.28, 48.55
CIELCh	44, 59.432, 125.226
Yxy	13.6146, 0.3478, 0.5620
Android (android.graphics.Color)	4282479616 (0xFF417400)
YUV	87.5270, -43.1508, -19.7562
Hunter-Lab	36.8980, -23.8124, 22.3195

# Details

The Hex color **417400** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **330074**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **76A83D**, and **054300** is the 20% darker color. If you saturate the color by 10%, you get **417400**, and if you desaturate by 10%, it is **46740C**.

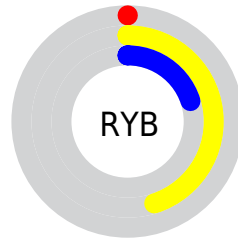
# Distribution



Red (25%)

Green (45%)

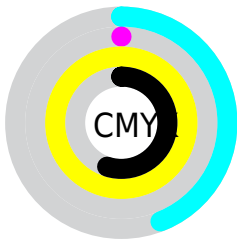
Blue (0%)



Red (0%)

Yellow (45%)

Blue (20%)

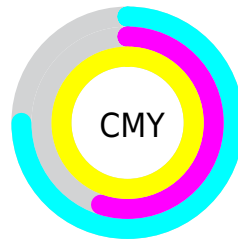


Cyan (44%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (75%)

Magenta (55%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 417400 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 417400 by changing the saturation by 10% instead.



 417400

 417400

FFFFFFD

 265B00

 76A83D

 054300

 92C457

 002C00

 ADE071

 001500


 CAFD8C

 000000

 E7FFA7

 FFFFC3

 FFFFEO

 417400

 46740C

 4B7417

 507423

 55742E

 5A743A

 607446

 657451

 6A745D

 6F7468

# Harmonies

## Analogous

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



756800



417400



007A3B

# Triad

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



417400



0077C1



BD2E61

# Complementary

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



417400



330074

# 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.



A83C91



417400



006BCA

# Square

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



417400



007C9F



7156B9



B73D31

# Rectangle

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



417400



007D5D



7156B9



B93071



# Sweetspot

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



417400



839669



743200



404D31



CCCCCC



4D4D4D



# Same Dimension

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



417400



549600



087400



383B35



457A00



8CFA00



# Inverse Universe

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



330074



420096



6C0074



37353B



36007A

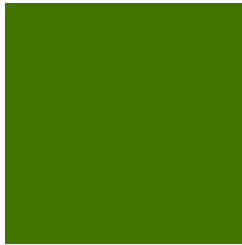


6E00FA



# Previews

## White Background



This preview shows how the Hex color 417400 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

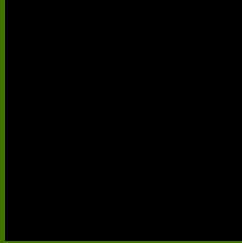
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 417400 Background



This preview shows how black text looks on a background with the Hex color 417400.



This preview shows how white text looks on a background with the Hex color 417400.

# 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**  
417400

**Protanopia**  
746700

**Deuteranopia**  
826217



**Tritanopia**  
4F6C74

# Trichromacy



**Original Color**  
417400

**Protanomaly**  
616C00

**Deuteranomaly**  
6A690F

**Tritanomaly**  
4A6F4A

# Monochromacy



**Original Color**  
417400

**Achromatopsia**  
585858

**Achromatomaly**  
506238

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 417400 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 #417400 looks like.

```
.text, #text, p{  
    color:#417400  
}
```

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 #417400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #417400
}
```

## Border

The CSS property to change the border of an element to Hex 417400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

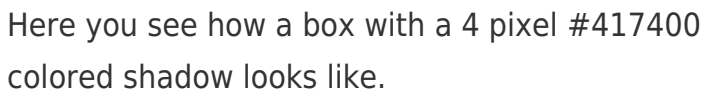
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#417400 }
```

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

```
.border{ border-color:#417400 }
```

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



Here you see how a box with a 4 pixel #417400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #417400; -webkit-box-shadow:4px 4px  
4px 4px #417400; box-shadow:4px 4px 4px  
4px #417400 }
```

# Background

The CSS property to change the background color of an element to Hex 417400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#417400 }
```

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

```
.background{ background-color:#417400 }
```

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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