

# Converting Colors

Hex(437C00)

Have a look what the booklet for  
Hex(437C00) contains.

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**Color**

**Hex(437C00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	437C00
RGB	67, 124, 0
RGB Percent	26%, 49%, 0%
CMY	0.7373, 0.5137, 1.0000
CMYK	0.46, 0.00, 1.00, 0.51
HSL	88°, 100%, 24%
HSV	88°, 100%, 49%
XYZ	9.5224, 15.6086, 2.5109
YIQ	92.8210, 5.8320, -50.6480

# Conversions

## Conversions Part 2

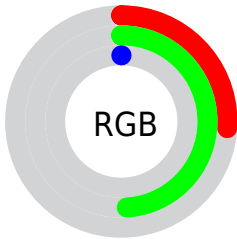
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 124, 57
Decimal	4422656
CIELab	46.46, -36.99, 50.76
CIELCh	46, 62.804, 126.081
Yxy	15.6086, 0.3445, 0.5647
Android (android.graphics.Color)	4282612736 (0xFF437C00)
YUV	92.8210, -45.7608, -22.6450
Hunter-Lab	39.5077, -26.1153, 23.8873

# Details

The Hex color **437C00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **39007C**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **79B13F**, and **044A00** is the 20% darker color. If you saturate the color by 10%, you get **437C00**, and if you desaturate by 10%, it is **497C0C**.

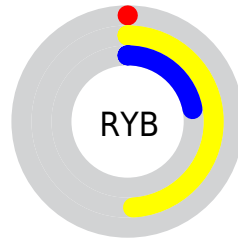
# Distribution



Red (26%)

Green (49%)

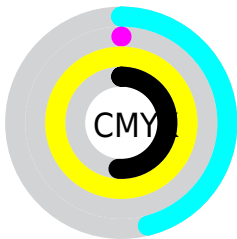
Blue (0%)



Red (0%)

Yellow (49%)

Blue (22%)

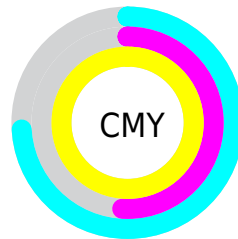


Cyan (46%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (74%)

Magenta (51%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 437C00 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 437C00 by changing the saturation by 10% instead.



 437C00

 437C00

FFFFFF

 276300

 79B13F

 044A00

 95CD5A

 003300

 B1E974

 001F00

 CDFF8F

 000000

 EAFFAA

 FFFFC6

 FFFFEE3

 437C00

 497C0C

 4E7C19


 547C25

 5A7C32

 607C3E

 657C4A

 6B7C57

 717C63

 767C70

# Harmonies

## Analogous

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



7B6F00



437C00



008341

# Triad

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



437C00



007FCF



CA3066

# Complementary

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



437C00



39007C

# 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.



B43F9A



437C00



0071D8

# Square

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



437C00



0085AB



7B5BC4



C34133

# Rectangle

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



437C00



008565



7B5BC4



C63277



# Sweetspot

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



437C00



8AA170



7C3800



445234



D1D1D1



525252



# Same Dimension

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



437C00



57A100



067C00



3A3D37



447D00



88FC00



# Inverse Universe

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



39007C



4A00A1



76007C



3A373D



39007D



7400FC



# Previews

## White Background



This preview shows how the Hex color 437C00 looks on a white background.

## Color Contrast Check

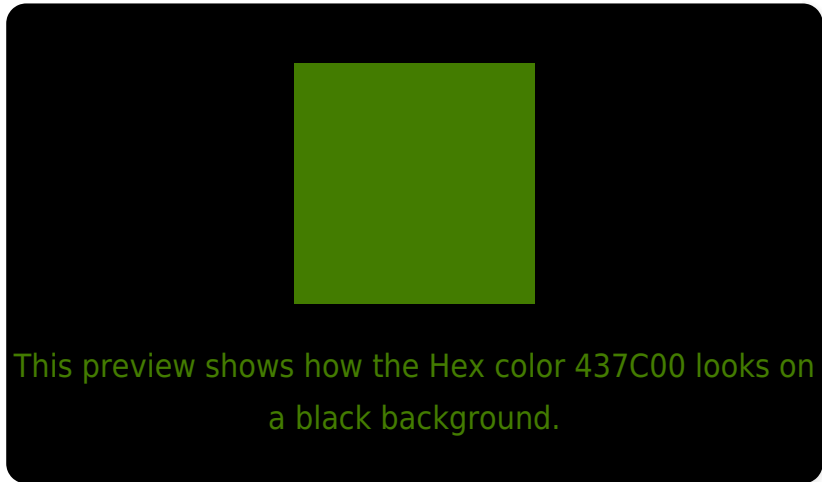
Large Text (above 18pt) WCAG AA ✓ Pass

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 437C00 Background



This preview shows how black text looks on a background with the Hex color 437C00.



This preview shows how white text looks on a background with the Hex color 437C00.

# 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



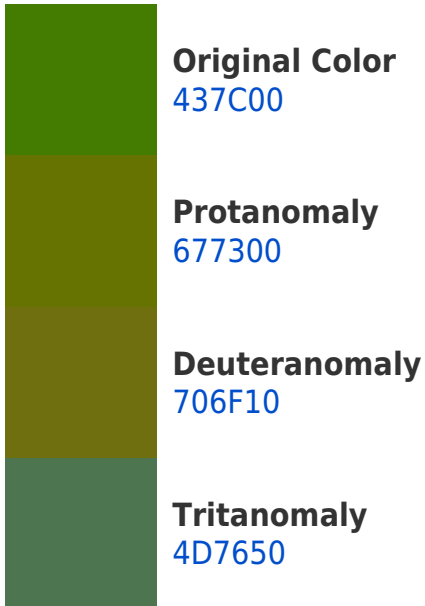
**Original Color**  
437C00

**Protanopia**  
7C6E00

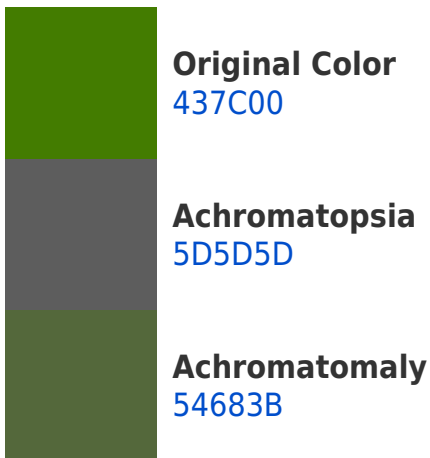
**Deuteranopia**  
8A6819



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 437C00 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 #437C00 looks like.

```
.text, #text, p{  
    color:#437C00  
}
```

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 #437C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #437C00
}
```

## Border

The CSS property to change the border of an element to Hex 437C00 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
#437C00 }
```

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

```
.border{ border-color:#437C00 }
```

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

Here you see how a box with a 4 pixel #437C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #437C00; -webkit-box-shadow:4px 4px  
4px 4px #437C00; box-shadow:4px 4px 4px  
4px #437C00 }
```

# Background

The CSS property to change the background color of an element to Hex 437C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#437C00 }
```

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

```
.background{ background-color:#437C00 }
```

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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