

# Converting Colors

Hex(469437)

Have a look what the booklet for  
Hex(469437) contains.

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**Color**

**Hex(469437)**

# Conversions

## Conversions Part 1

Format	Color
Hex	469437
RGB	70, 148, 55
RGB Percent	27%, 58%, 22%
CMY	0.7255, 0.4196, 0.7843
CMYK	0.53, 0.00, 0.63, 0.42
HSL	110°, 46%, 40%
HSV	110°, 63%, 58%
XYZ	13.8053, 22.7577, 7.2795
YIQ	114.0760, -16.6350, -45.4590

# Conversions

## Conversions Part 2

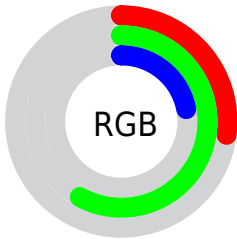
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 148, 133
Decimal	4625463
CIELab	54.82, -42.44, 40.93
CIELCh	55, 58.963, 136.034
Yxy	22.7577, 0.3149, 0.5191
Android (android.graphics.Color)	4282815543 (0xFF469437)
YUV	114.0760, -29.1245, -38.6547
Hunter-Lab	47.7051, -31.8281, 24.3463

# Details

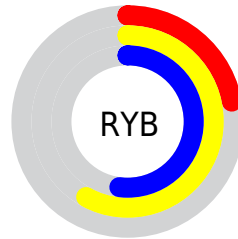
The Hex color **469437** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **853794**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **7DCB69**, and **006000** is the 20% darker color. If you saturate the color by 10%, you get **3A9428**, and if you desaturate by 10%, it is **529446**.

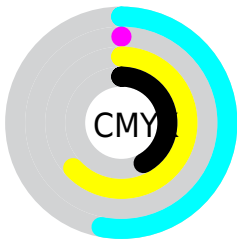
# Distribution



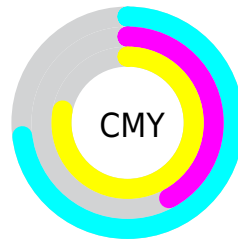
- Red (27%)
- Green (58%)
- Blue (22%)



- Red (22%)
- Yellow (58%)
- Blue (52%)



- Cyan (53%)
- Magenta (0%)
- Yellow (63%)
- Black (42%)



- Cyan (73%)
- Magenta (42%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 469437 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 469437 by changing the saturation by 10% instead.





469437



469437

FFFFFF



297A1E



7DCB69



006000



99E784



004800



B5FF9E



003000



D2FFBA



001900



EFFFD6



000000



FFFFF3



469437



469437



3A9428



529446

 2D9419

 5F9455

 21940B

 6B9463

 189400

 789472

 849481

 909490

 9D949F

 A994AD

 B694BC

# Harmonies

## Analogous

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



83890D



469437



009A69

# Triad

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



469437



0090E6



DF526A

# Complementary

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



469437



853794

# 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.



D3559D



469437



5180E6

# Square

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



469437



0098CC



A869CB



D1633B

# Rectangle

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



469437



009B8C



A869CB



DE507B



# Sweetspot

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



469437



A1BF9B



948537



4E614B



E0E0E0



616161



# Same Dimension

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



469437



47BF30



379456



444A43



168A00



020A00



# Inverse Universe

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



853794



A830BF



943775



49434A



73008A



09000A



# Previews

## White Background



This preview shows how the Hex color 469437 looks on a white background.

## Color Contrast Check

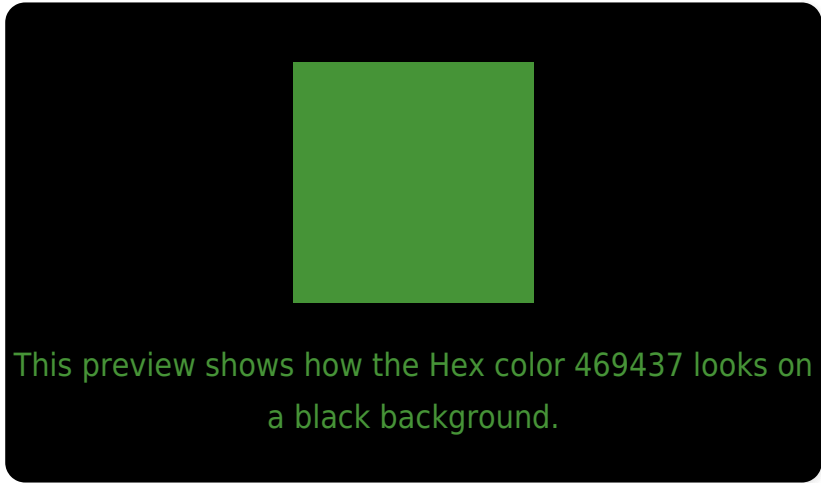
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 469437 Background



This preview shows how black text looks on a background with the Hex color 469437.



This preview shows how white text looks on a background with the Hex color 469437.

# 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





**Tritanopia**  
598B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 469437 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 #469437 looks like.

```
.text, #text, p{  
    color:#469437  
}
```

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 #469437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #469437
}
```

## Border

The CSS property to change the border of an element to Hex 469437 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
#469437 }
```

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

```
.border{ border-color:#469437 }
```

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

Here you see how a box with a 4 pixel #469437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #469437; -webkit-box-shadow:4px 4px  
4px 4px #469437; box-shadow:4px 4px 4px  
4px #469437 }
```

# Background

The CSS property to change the background color of an element to Hex 469437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#469437 }
```

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

```
.background{ background-color:#469437 }
```

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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