

# Converting Colors

Hex(469858)

Have a look what the booklet for  
Hex(469858) contains.

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# Color

Hex(469858)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	469858
RGB	70, 152, 88
RGB Percent	27%, 60%, 35%
CMY	0.7255, 0.4039, 0.6549
CMYK	0.54, 0.00, 0.42, 0.40
HSL	133°, 37%, 44%
HSV	133°, 54%, 60%
XYZ	15.5155, 24.4631, 13.1366
YIQ	120.1860, -28.3280, -37.2880

# Conversions

## Conversions Part 2

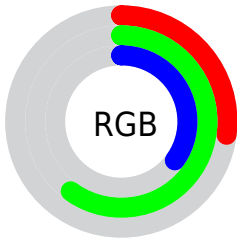
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 137, 152
Decimal	4626520
CIELab	56.55, -39.45, 26.26
CIElCh	57, 47.387, 146.351
Yxy	24.4631, 0.2921, 0.4606
Android (android.graphics.Color)	4282816600 (0xFF469858)
YUV	120.1860, -15.8677, -44.0131
Hunter-Lab	49.4602, -30.5607, 18.8747

# Details

The Hex color **469858** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **984686**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **7CCF8B**, and **016429** is the 20% darker color. If you saturate the color by 10%, you get **37984C**, and if you desaturate by 10%, it is **559864**.

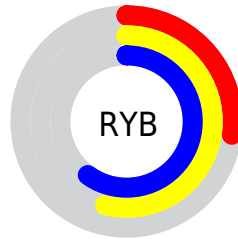
# Distribution



Red (27%)

Green (60%)

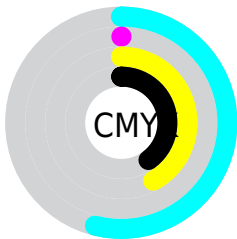
Blue (35%)



Red (27%)

Yellow (54%)

Blue (60%)

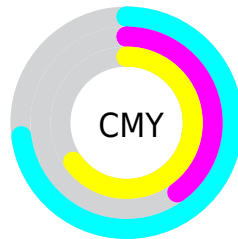


Cyan (54%)

Magenta (0%)

Yellow (42%)

Black (40%)



Cyan (73%)

Magenta (40%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 469858 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 469858 by changing the saturation by 10% instead.



 469858

 469858

FFFFFF

 297E40

 7CCF8B

 016429

 98EBA5

 004B12

 B4FFC1

 003400

 D1FFDD

 001F00

 EEEFF9

 000000

 469858

 469858

 37984C

 559864

 289840

 649870

■ 189834

■ 74987C

■ 099829

■ 839887

■ 009821

■ 929893

■ A1989F

■ B098AB

■ C098B7

■ CF98C3

# Harmonies

## Analogous

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



7B903A



469858



009C81

# Triad

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



469858



168EDA



D36765

# Complementary

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



469858



984686

# 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.



D0648E



469858



817FD2

# Square

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



469858



0097CC



B56EB6



C27443

# Rectangle

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



469858



009C9E



B56EB6



D46473



# Sweetspot

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



469858



A5C4AC



869846



516355



E3E3E3



636363



# Same Dimension

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



469858



45C461



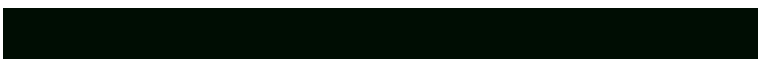
469881



454D47



008C1F



000D03



# Inverse Universe

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



984686



C445A8



98465D



4D454B



8C006D



0D000A



# Previews

## White Background



This preview shows how the Hex color 469858 looks on a white background.

## Color Contrast Check

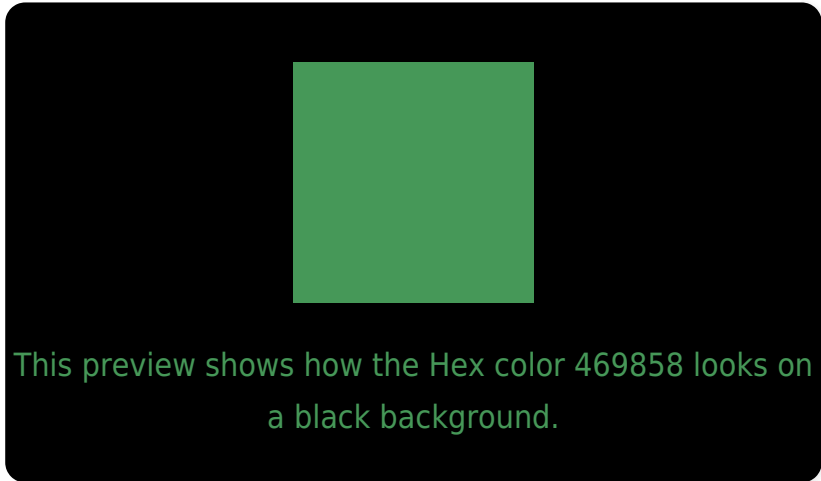
Large Text (above 18pt) WCAG AA ✓ Pass

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

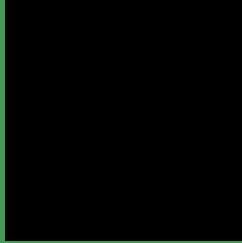
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 469858 Background



This preview shows how black text looks on a background with the Hex color 469858.



This preview shows how white text looks on a background with the Hex color 469858.

# 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**  
57909C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 469858 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 #469858 looks like.

```
.text, #text, p{  
    color:#469858  
}
```

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 #469858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #469858
}
```

## Border

The CSS property to change the border of an element to Hex 469858 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
#469858 }
```

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

```
.border{ border-color:#469858 }
```

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

Here you see how a box with a 4 pixel #469858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #469858; -webkit-box-shadow:4px 4px  
4px 4px #469858; box-shadow:4px 4px 4px  
4px #469858 }
```

# Background

The CSS property to change the background color of an element to Hex 469858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#469858 }
```

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

```
.background{ background-color:#469858 }
```

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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