

Converting Colors

Hex(449C66)

Have a look what the booklet for
Hex(449C66) contains.

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Color

Hex(449C66)

Conversions

Conversions Part 1

Format	Color
Hex	449C66
RGB	68, 156, 102
RGB Percent	27%, 61%, 40%
CMY	0.7333, 0.3882, 0.6000
CMYK	0.56, 0.00, 0.35, 0.39
HSL	143°, 39%, 44%
HSV	143°, 56%, 61%
XYZ	16.6706, 25.9652, 16.7035
YIQ	123.5320, -35.1140, -35.4500

Conversions

Conversions Part 2

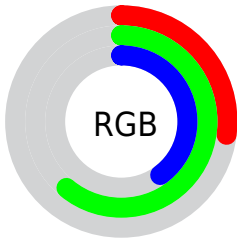
Format	Color
RYB	68, 131, 156
Decimal	4496486
CIELab	58.00, -39.10, 20.53
CIELCh	58, 44.162, 152.300
Yxy	25.9652, 0.2809, 0.4376
Android (android.graphics.Color)	4282686566 (0xFF449C66)
YUV	123.5320, -10.6153, -48.7016
Hunter-Lab	50.9560, -30.7755, 16.2338

Details

The Hex color **449C66** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9C447A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **7BD399**, and **006836** is the 20% darker color. If you saturate the color by 10%, you get **349C5C**, and if you desaturate by 10%, it is **549C70**.

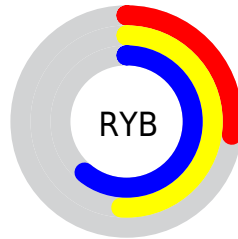
Distribution



Red (27%)

Green (61%)

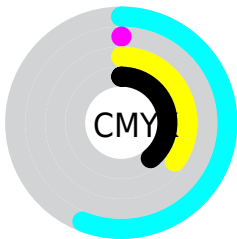
Blue (40%)



Red (27%)

Yellow (51%)

Blue (61%)

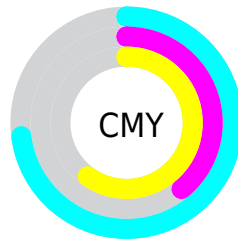


Cyan (56%)

Magenta (0%)

Yellow (35%)

Black (39%)



Cyan (73%)

Magenta (39%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 449C66 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 449C66 by changing the saturation by 10% instead.



449C66



449C66

FFFFFF



26824E



7BD399



006836



97F0B4



004F20



B3FFD0



00370A



D0FFEC



002300



EDFFFF



000000



449C66



449C66



349C5C



549C70



259C53



639C79

■ 159C49

■ 739C83

■ 069C40

■ 829C8C

■ 009C3C

■ 929C96

■ A29C9F

■ B19CA9

■ C19CB3

■ D09CBC

Harmonies

Analogous

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



779547



449C66



009F8D

Triad

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



449C66



4B8ED8



D16F64

Complementary

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



449C66



9C447A

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.



D26B8A



449C66



9280CD

Square

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



449C66



0099CF



BD72B0



BF7C47

Rectangle

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



449C66



009FA7



BD72B0



D46D70

Sweetspot

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



449C66



A9CCB7



7A9C44



526659



E6E6E6



666666

Same Dimension

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



449C66



41CC77



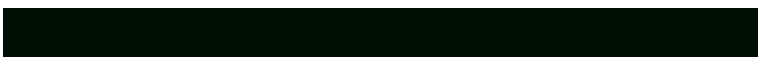
449C92



474F4A



008F37



000F06

Inverse Universe

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



9C447A



CC4196



9C444E



4F474C



8F0058



0F0009

Previews

White Background



This preview shows how the Hex color 449C66 looks on a white background.

Color Contrast Check

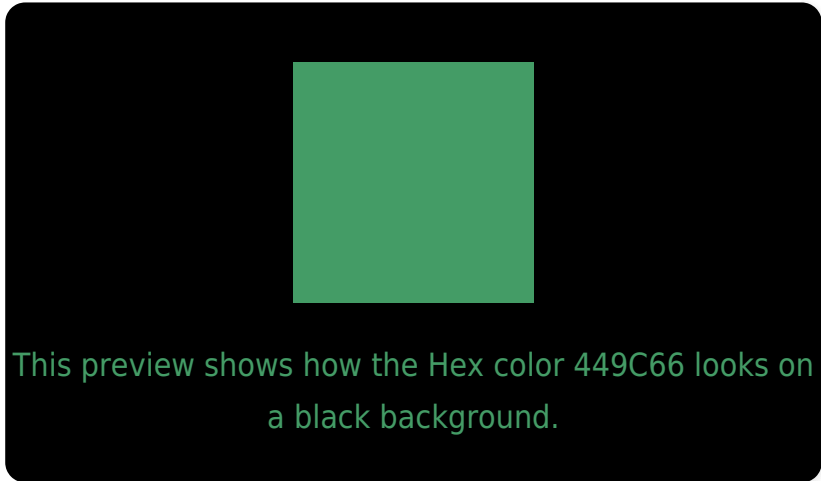
Large Text (above 18pt) WCAG AA ✓ Pass

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

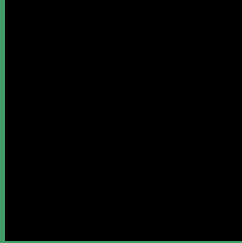
Any Text WCAG AA ✓ Pass

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 449C66 Background



This preview shows how black text looks on a background with the Hex color 449C66.



This preview shows how white text looks on a background with the Hex color 449C66.

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](#).

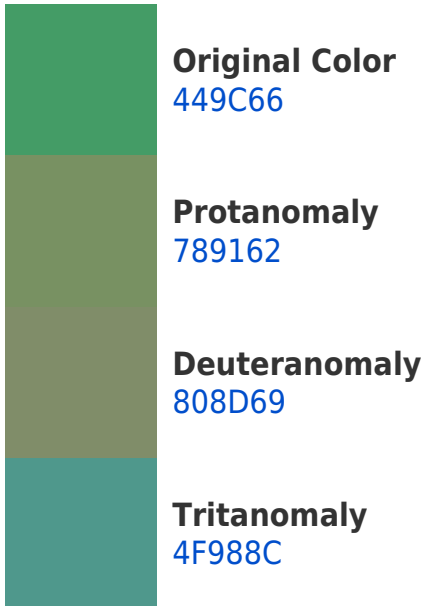
Dichromacy



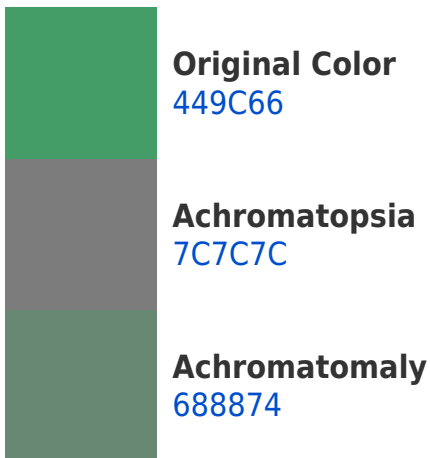


Tritanopia
5595A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 449C66 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 #449C66 looks like.

```
.text, #text, p{  
    color:#449C66  
}
```

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 #449C66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #449C66
}
```

Border

The CSS property to change the border of an element to Hex 449C66 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
#449C66 }
```

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

```
.border{ border-color:#449C66 }
```

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

Here you see how a box with a 4 pixel #449C66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #449C66; -webkit-box-shadow:4px 4px  
4px 4px #449C66; box-shadow:4px 4px 4px  
4px #449C66 }
```

Background

The CSS property to change the background color of an element to Hex 449C66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#449C66 }
```

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

```
.background{ background-color:#449C66 }
```

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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