

# Converting Colors

Hex(449855)

Have a look what the booklet for  
Hex(449855) contains.

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# Color

Hex(449855)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	449855
RGB	68, 152, 85
RGB Percent	27%, 60%, 33%
CMY	0.7333, 0.4039, 0.6667
CMYK	0.55, 0.00, 0.44, 0.40
HSL	132°, 38%, 43%
HSV	132°, 55%, 60%
XYZ	15.2518, 24.3413, 12.4888
YIQ	119.2460, -28.5570, -38.6450

# Conversions

## Conversions Part 2

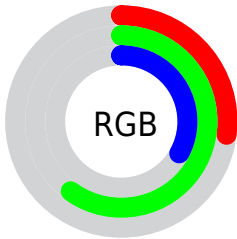
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 138, 152
Decimal	4495445
CIELab	56.43, -40.48, 27.70
CIELCh	56, 49.054, 145.618
Yxy	24.3413, 0.2928, 0.4674
Android (android.graphics.Color)	4282685525 (0xFF449855)
YUV	119.2460, -16.8833, -44.9427
Hunter-Lab	49.3369, -31.1587, 19.5276

# Details

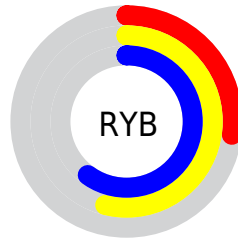
The Hex color **449855** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **984487**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **7BCF88**, and **006426** is the 20% darker color. If you saturate the color by 10%, you get **359849**, and if you desaturate by 10%, it is **539861**.

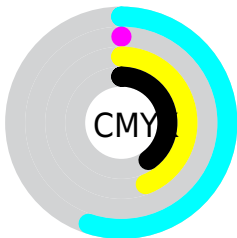
# Distribution



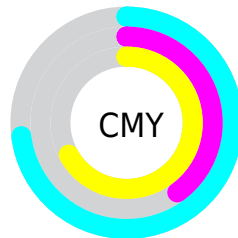
- Red (27%)
- Green (60%)
- Blue (33%)



- Red (27%)
- Yellow (54%)
- Blue (60%)



- Cyan (55%)
- Magenta (0%)
- Yellow (44%)
- Black (40%)



- Cyan (73%)
- Magenta (40%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 449855 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 449855 by changing the saturation by 10% instead.



 449855

 449855

FFFFFF

 277E3D


 7BCF88

 006426

 96ECA2

 004B0F

 B2FFBD

 003400

 CFFFD9

 001F00

 ECFFF6

 000000

 449855

 449855

 359849

 539861

 26983D

 62986D

 169831

 729879

 079825

 819885

 00981F

 909892

 9F989E

 AE98AA

 BE98B6

 CD98C2

# Harmonies

## Analogous

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



7B9035



449855



009C7F

# Triad

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



449855



008EDC



D56565

# Complementary

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



449855



984487

# 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.



D2628F



449855



7F7FD4

# Square

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



449855



0098CD



B66DB8



C47341

# Rectangle

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



449855



009C9D



B66DB8



D66273



# Sweetspot

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



449855



A3C4AA



879844



506354



E3E3E3



636363



# Same Dimension

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



449855



43C45D



44987F



454D46



008C1C



000D03



# Inverse Universe

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



984487



C443AA



98445D



4D454B



8C0070



0D000A



# Previews

## White Background



This preview shows how the Hex color 449855 looks on a white background.

## Color Contrast Check

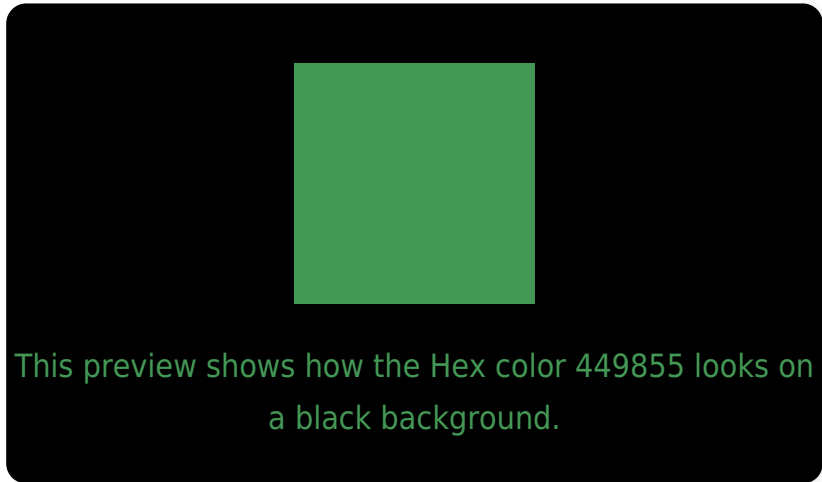
Large Text (above 18pt) WCAG AA ✓ Pass

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 449855 Background



This preview shows how black text looks on a background with the Hex color 449855.



This preview shows how white text looks on a background with the Hex color 449855.

# 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**  
449855

**Protanopia**  
93874E

**Deuteranopia**  
A1815B



**Tritanopia**  
56909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 449855 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 #449855 looks like.

```
.text, #text, p{  
    color:#449855  
}
```

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 #449855 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #449855
}
```

## Border

The CSS property to change the border of an element to Hex 449855 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
#449855 }
```

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

```
.border{ border-color:#449855 }
```

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

Here you see how a box with a 4 pixel #449855 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #449855; -webkit-box-shadow:4px 4px  
4px 4px #449855; box-shadow:4px 4px 4px  
4px #449855 }
```

# Background

The CSS property to change the background color of an element to Hex 449855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#449855 }
```

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

```
.background{ background-color:#449855 }
```

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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