

# Converting Colors

Hex(459845)

Have a look what the booklet for  
Hex(459845) contains.

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# Color

Hex(459845)

# Conversions

## Conversions Part 1

Format	Color
Hex	459845
RGB	69, 152, 69
RGB Percent	27%, 60%, 27%
CMY	0.7294, 0.4039, 0.7294
CMYK	0.55, 0.00, 0.55, 0.40
HSL	120°, 38%, 43%
HSV	120°, 55%, 60%
XYZ	14.7567, 24.1514, 9.5141
YIQ	117.7210, -22.8250, -43.4090

# Conversions

## Conversions Part 2

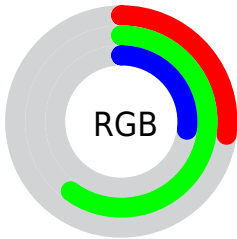
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 152, 152
Decimal	4560965
CIELab	56.24, -42.64, 35.80
CIELCh	56, 55.678, 139.985
Yxy	24.1514, 0.3048, 0.4988
Android (android.graphics.Color)	4282751045 (0xFF459845)
YUV	117.7210, -24.0195, -42.7283
Hunter-Lab	49.1440, -32.4032, 22.9224

# Details

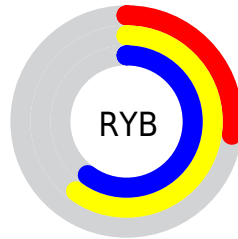
The Hex color **459845** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **984598**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **7CCF77**, and **006414** is the 20% darker color. If you saturate the color by 10%, you get **369836**, and if you desaturate by 10%, it is **549854**.

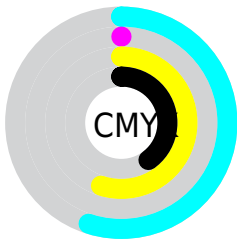
# Distribution



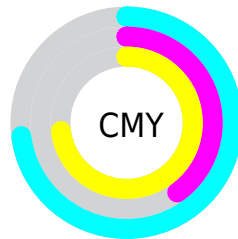
- Red (27%)
- Green (60%)
- Blue (27%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 459845 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 459845 by changing the saturation by 10% instead.



 459845

 459845

FFFFFF

 287E2D

 7CCF77

 006414

 98EC92

 004B00

 B4FFAD

 003400

 D1FFC8

 001E00

 EEFFE5

 000000

 459845

 459845

 369836

 549854

 279827

 639863

■ 179817

■ 739873

■ 089808

■ 829882

■ 009800

■ 919891

■ A098A0

■ AF98AF

■ BF98BF

■ CE98CE

# Harmonies

## Analogous

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



818E21



459845



009D74

# Triad

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



459845



0091E6



DF5B69

# Complementary

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



459845



984598

# 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.



D65B99



459845



6981E2

# Square

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



459845



009AD0



B16CC6



CF6B3E

# Rectangle

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



459845



009E96



B16CC6



DF5979



# Sweetspot

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



459845



A5C4A5



989845



516351



E3E3E3



636363



# Same Dimension

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



459845



43C443



45986F



454D45



008C00



000D00



# Inverse Universe

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



984598



C443C4



98456F



4D454D



8C008C



0D000D



# Previews

## White Background



This preview shows how the Hex color 459845 looks on a white background.

## Color Contrast Check

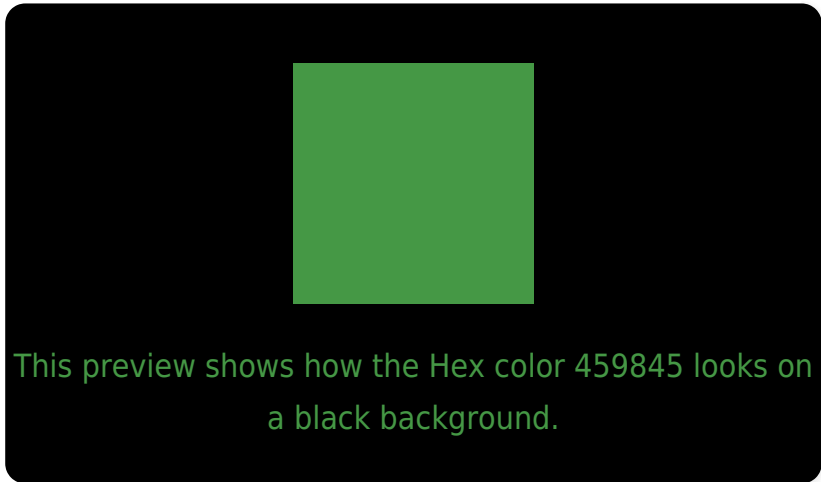
Large Text (above 18pt) WCAG AA ✓ Pass

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

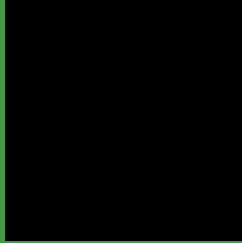
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 459845 Background



This preview shows how black text looks on a background with the Hex color 459845.



This preview shows how white text looks on a background with the Hex color 459845.

# 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**  
459845

**Protanopia**  
94863F

**Deuteranopia**  
A3804B



**Tritanopia**  
588F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 459845 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 #459845 looks like.

```
.text, #text, p{  
    color:#459845  
}
```

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 #459845 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #459845
}
```

## Border

The CSS property to change the border of an element to Hex 459845 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
#459845 }
```

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

```
.border{ border-color:#459845 }
```

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

Here you see how a box with a 4 pixel #459845 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #459845; -webkit-box-shadow:4px 4px  
4px 4px #459845; box-shadow:4px 4px 4px  
4px #459845 }
```

# Background

The CSS property to change the background color of an element to Hex 459845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#459845 }
```

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

```
.background{ background-color:#459845 }
```

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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