

# Converting Colors

Hex(469535)

Have a look what the booklet for  
Hex(469535) contains.

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# Color

Hex(469535)

# Conversions

## Conversions Part 1

Format	Color
Hex	469535
RGB	70, 149, 53
RGB Percent	27%, 58%, 21%
CMY	0.7255, 0.4157, 0.7922
CMYK	0.53, 0.00, 0.64, 0.42
HSL	109°, 48%, 40%
HSV	109°, 64%, 58%
XYZ	13.9158, 23.0540, 7.0846
YIQ	114.4350, -16.2680, -46.6040

# Conversions

## Conversions Part 2

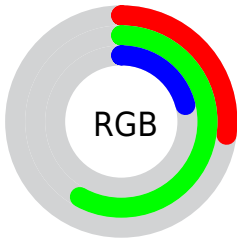
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">53, 149, 132</a>
Decimal	<a href="#">4625717</a>
CIELab	<a href="#">55.13, -43.06, 42.19</a>
CIELCh	<a href="#">55, 60.284, 135.581</a>
Yxy	<a href="#">23.0540, 0.3159, 0.5233</a>
Android (android.graphics.Color)	<a href="#">4282815797</a> ( <a href="#">0xFF469535</a> )
YUV	<a href="#">114.4350, -30.2875, -38.9695</a>
Hunter-Lab	<a href="#">48.0146, -32.2918, 24.8619</a>

# Details

The Hex color **469535** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **843595**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **7DCC68**, and **006100** is the 20% darker color. If you saturate the color by 10%, you get **3A9526**, and if you desaturate by 10%, it is **529544**.

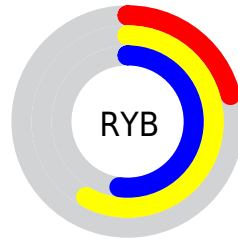
# Distribution



Red (27%)

Green (58%)

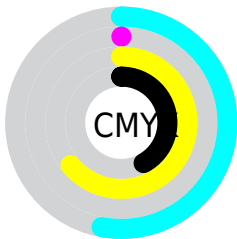
Blue (21%)



Red (21%)

Yellow (58%)

Blue (52%)

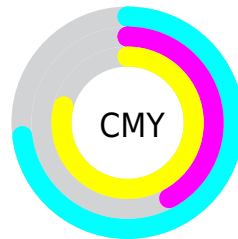


Cyan (53%)

Magenta (0%)

Yellow (64%)

Black (42%)



Cyan (73%)

Magenta (42%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 469535 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 469535 by changing the saturation by 10% instead.





469535



469535

FFFFFF



297B1B



7DCC68



006100



99E882



004900



B5FF9D



003100



D2FFB8



001B00



EFFFD4



000000



FFFFFF1



469535



469535



3A9526



529544

 2D9517

 5F9553

 219508

 6B9562

 1A9500

 779571

 839580

 90958E

 9C959D

 A895AC

 B495BB

# Harmonies

## Analogous

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



848A07



469535



009B68

# Triad

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



469535



0091E9



E2516B

# Complementary

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



469535



843595

# 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.



D5549F



469535



4D81E9

# Square

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



469535



009ACE



A96ACE



D4623B

# Rectangle

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



469535



009C8D



A96ACE



E14F7C



# Sweetspot

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



469535



A3C29D



958335



4F614B



E0E0E0



616161



# Same Dimension

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



469535



47C22D



359553



444A43



188A00



020A00



# Inverse Universe

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



843595



A72DC2



953577



49434A



71008A



08000A



# Previews

## White Background



This preview shows how the Hex color 469535 looks on a white background.

## Color Contrast Check

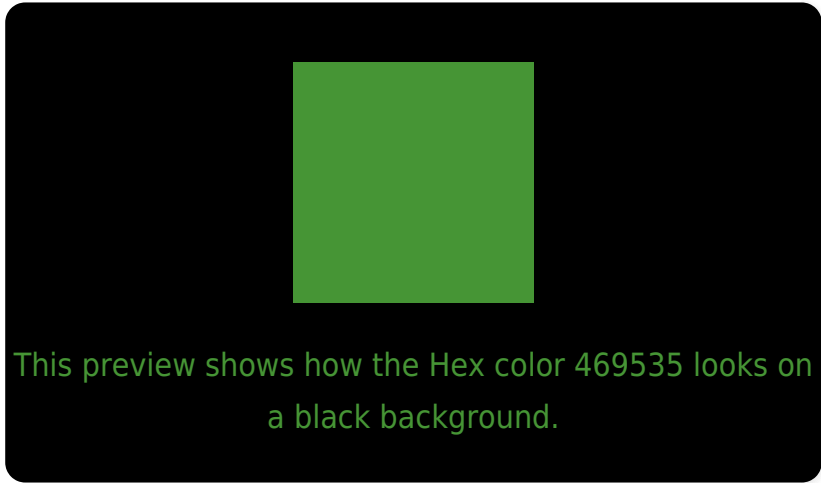
Large Text (above 18pt) WCAG AA ✓ Pass

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 469535 Background



This preview shows how black text looks on a background with the Hex color 469535.



This preview shows how white text looks on a background with the Hex color 469535.

# 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**  
598B97

# Trichromacy



**Original Color**  
469535



**Protanomaly**  
778A32



**Deuteranomaly**  
81863A



**Tritanomaly**  
528F73

# Monochromacy



**Original Color**  
469535



**Achromatopsia**  
727272



**Achromatomaly**  
627F5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 469535 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 #469535 looks like.

```
.text, #text, p{  
    color:#469535  
}
```

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 #469535 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #469535
}
```

## Border

The CSS property to change the border of an element to Hex 469535 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
#469535 }
```

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

```
.border{ border-color:#469535 }
```

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

Here you see how a box with a 4 pixel #469535 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #469535; -webkit-box-shadow:4px 4px  
4px 4px #469535; box-shadow:4px 4px 4px  
4px #469535 }
```

# Background

The CSS property to change the background color of an element to Hex 469535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#469535 }
```

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

```
.background{ background-color:#469535 }
```

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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