

# Converting Colors

Hex(479354)

Have a look what the booklet for  
Hex(479354) contains.

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# Color

Hex(479354)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	479354
RGB	71, 147, 84
RGB Percent	28%, 58%, 33%
CMY	0.7216, 0.4235, 0.6706
CMYK	0.52, 0.00, 0.43, 0.42
HSL	130°, 35%, 43%
HSV	130°, 52%, 58%
XYZ	14.6325, 22.8471, 12.0262
YIQ	117.0940, -25.0730, -35.7050

# Conversions

## Conversions Part 2

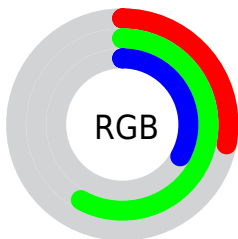
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 136, 147
Decimal	4690772
CIELab	54.91, -37.69, 26.31
CIELCh	55, 45.963, 145.085
Yxy	22.8471, 0.2956, 0.4615
Android (android.graphics.Color)	4282880852 (0xFF479354)
YUV	117.0940, -16.3153, -40.4244
Hunter-Lab	47.7987, -29.0039, 18.5416

# Details

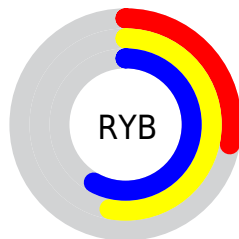
The Hex color **479354** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **934786**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **7DCA86**, and **075F25** is the 20% darker color. If you saturate the color by 10%, you get **389348**, and if you desaturate by 10%, it is **569360**.

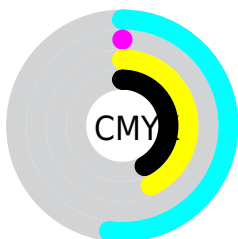
# Distribution



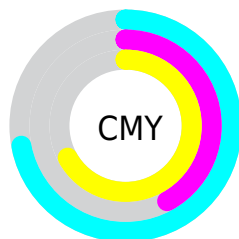
- Red (28%)
- Green (58%)
- Blue (33%)



- Red (28%)
- Yellow (53%)
- Blue (58%)



- Cyan (52%)
- Magenta (0%)
- Yellow (43%)
- Black (42%)



- Cyan (72%)
- Magenta (42%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 479354 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 479354 by changing the saturation by 10% instead.





479354



479354

FFFFFF



2B793C



7DCA86



075F25



98E6A1



00470F



B4FFBC



003000



D0FFD8



001A00



EDFFF5



000000



479354



479354



389348



569360



2A933C



64936C

■ 1B932F

■ 739379

■ 0C9323

■ 829385

■ 009319

■ 919391

■ 9F939D

■ AE93A9

■ BD93B5

■ CB93C2

# Harmonies

## Analogous

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



798B37



479354



00977B

# Triad

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



479354



0C8AD2



CD6364

# Complementary

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



479354



934786

# 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.



C9618C



479354



7B7CCC

# Square

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



479354



0093C4



AE6CB1



BD7043

# Rectangle

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



479354



009797



AE6CB1



CE6171



# Sweetspot

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



479354



A1BFA6



869347



4E6152



E0E0E0



616161



# Same Dimension

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



479354



49BF5D



47937A



434A44



008A18



000A02



# Inverse Universe

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



934786



BF49AB



934760



4A4349



8A0072



0A0008



# Previews

## White Background



This preview shows how the Hex color 479354 looks on a white background.

## Color Contrast Check

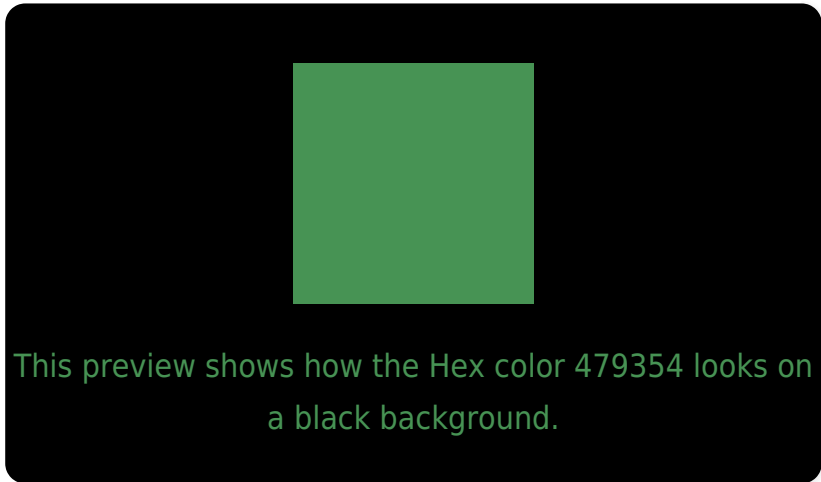
Large Text (above 18pt) WCAG AA ✓ Pass

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

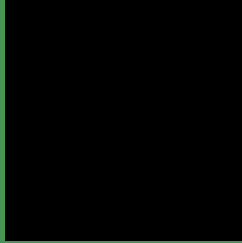
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 479354 Background



This preview shows how black text looks on a background with the Hex color 479354.



This preview shows how white text looks on a background with the Hex color 479354.

# 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**  
479354

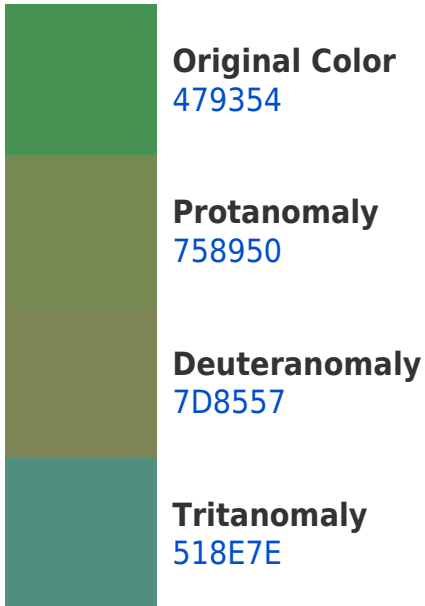
**Protanopia**  
8F834E

**Deuteranopia**  
9C7D59



**Tritanopia**  
578B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 479354 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 #479354 looks like.

```
.text, #text, p{  
    color:#479354  
}
```

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 #479354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #479354
}
```

## Border

The CSS property to change the border of an element to Hex 479354 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
#479354 }
```

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

```
.border{ border-color:#479354 }
```

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

Here you see how a box with a 4 pixel #479354 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #479354; -webkit-box-shadow:4px 4px  
4px 4px #479354; box-shadow:4px 4px 4px  
4px #479354 }
```

# Background

The CSS property to change the background color of an element to Hex 479354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#479354 }
```

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

```
.background{ background-color:#479354 }
```

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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