

Converting Colors

Hex(459646)

Have a look what the booklet for
Hex(459646) contains.

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Color

Hex(459646)

Conversions

Conversions Part 1

Format	Color
Hex	459646
RGB	69, 150, 70
RGB Percent	27%, 59%, 27%
CMY	0.7294, 0.4118, 0.7255
CMYK	0.54, 0.00, 0.53, 0.41
HSL	121°, 37%, 43%
HSV	121°, 54%, 59%
XYZ	14.4661, 23.5201, 9.5717
YIQ	116.6610, -22.5960, -42.0520

Conversions

Conversions Part 2

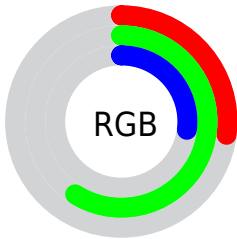
Format	Color
R_{YB}	69, 149, 150
Decimal	4560454
CIE _{Lab}	55.60, -41.68, 34.53
CIE _{LCh}	56, 54.124, 140.363
Yxy	23.5201, 0.3042, 0.4946
Android (android.graphics.Color)	4282750534 (0xFF459646)
YUV	116.6610, -23.0039, -41.7987
Hunter-Lab	48.4975, -31.6268, 22.2465

Details

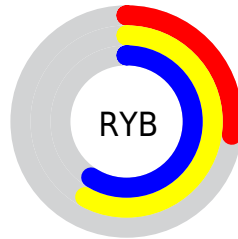
The Hex color **459646** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **964595**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **7CCD78**, and **006216** is the 20% darker color. If you saturate the color by 10%, you get **369637**, and if you desaturate by 10%, it is **549655**.

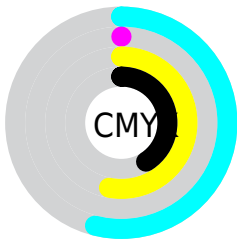
Distribution



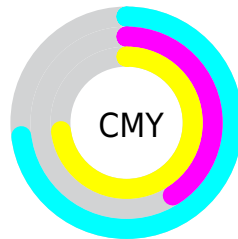
- Red (27%)
- Green (59%)
- Blue (27%)



- Red (27%)
- Yellow (58%)
- Blue (15%)



- Cyan (54%)
- Magenta (0%)
- Yellow (53%)
- Black (41%)



- Cyan (73%)
- Magenta (41%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 459646 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 459646 by changing the saturation by 10% instead.



459646



459646

FFFFFF



287C2E



7CCD78



006216



97E992



004A00



B4FFAD



003200



D0FFC9



001C00



EDFFE6



000000



459646



459646



369637



549655



279628



639664

 18961A

 729672

 09960B

 819681

 009602

 909690

 9F969F

 AE96AE

 BD96BD

 CC96CB

Harmonies

Analogous

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



7F8C24



459646



009B74

Triad

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



459646



008FE2



DA5B67

Complementary

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



459646



964595

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.



D35B96



459646



6A7FDE

Square

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



459646



0098CD



AF6BC2



CB6B3E

Rectangle

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



459646



009C95



AF6BC2



DB5977

Sweetspot

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



459646



A3C2A3



969645



4E614F



E0E0E0



616161

Same Dimension

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



459646



44C245



45966E



434A43



008A02



000A00

Inverse Universe

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



964595



C244C0



96456E



4A434A



8A0088



0A000A

Previews

White Background



This preview shows how the Hex color 459646 looks on a white background.

Color Contrast Check

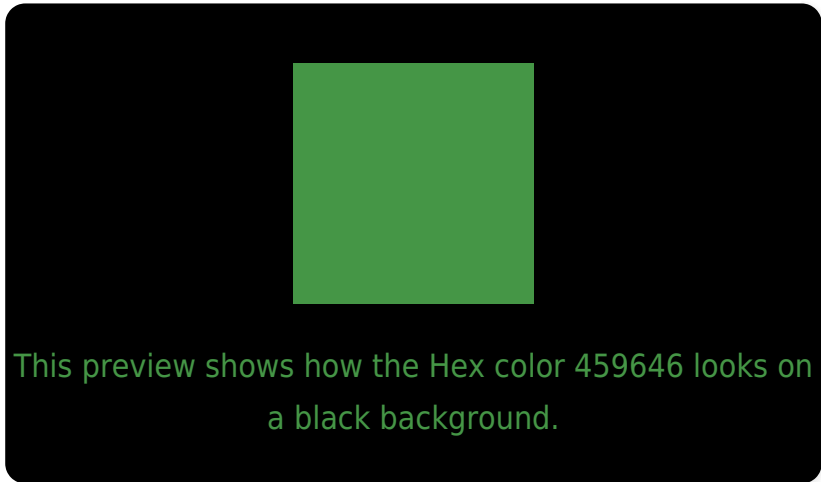
Large Text (above 18pt) WCAG AA ✓ Pass

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 459646 Background



This preview shows how black text looks on a background with the Hex color 459646.

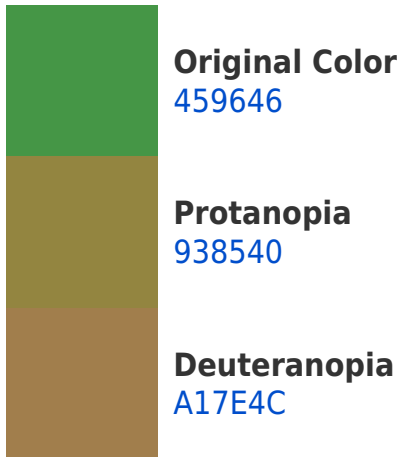


This preview shows how white text looks on a background with the Hex color 459646.

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](#).

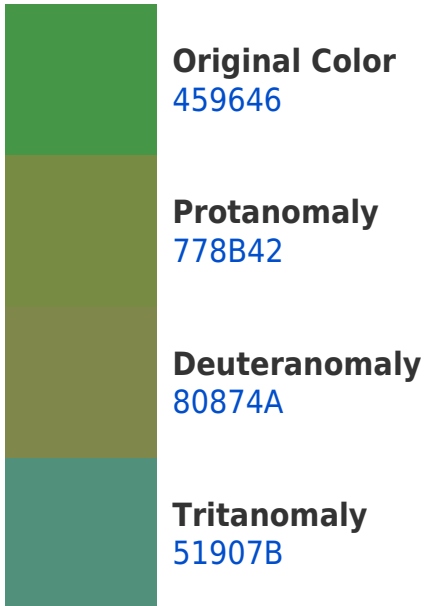
Dichromacy





Tritanopia
588D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 459646 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 #459646 looks like.

```
.text, #text, p{  
    color:#459646  
}
```

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 #459646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #459646
}
```

Border

The CSS property to change the border of an element to Hex 459646 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
#459646 }
```

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

```
.border{ border-color:#459646 }
```

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

Here you see how a box with a 4 pixel #459646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #459646; -webkit-box-shadow:4px 4px  
4px 4px #459646; box-shadow:4px 4px 4px  
4px #459646 }
```

Background

The CSS property to change the background color of an element to Hex 459646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#459646 }
```

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

```
.background{ background-color:#459646 }
```

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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