

Converting Colors

Hex(459445)

Have a look what the booklet for
Hex(459445) contains.

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Color

Hex(459445)

Conversions

Conversions Part 1

Format	Color
Hex	459445
RGB	69, 148, 69
RGB Percent	27%, 58%, 27%
CMY	0.7294, 0.4196, 0.7294
CMYK	0.53, 0.00, 0.53, 0.42
HSL	120°, 36%, 43%
HSV	120°, 53%, 58%
XYZ	14.1183, 22.8747, 9.3014
YIQ	115.3730, -21.7250, -41.3170

Conversions

Conversions Part 2

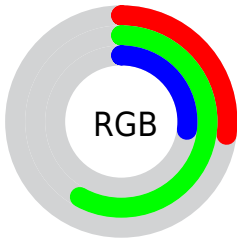
Format	Color
RYB	69, 148, 148
Decimal	4559941
CIELab	54.94, -40.99, 34.23
CIELCh	55, 53.404, 140.132
Yxy	22.8747, 0.3050, 0.4941
Android (android.graphics.Color)	4282750021 (0xFF459445)
YUV	115.3730, -22.8619, -40.6691
Hunter-Lab	47.8275, -31.0062, 21.9487

Details

The Hex color **459445** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **944594**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **7CCB77**, and **006015** is the 20% darker color. If you saturate the color by 10%, you get **369436**, and if you desaturate by 10%, it is **549454**.

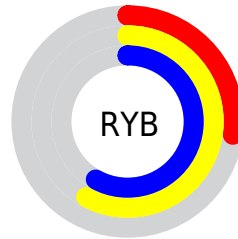
Distribution



Red (27%)

Green (58%)

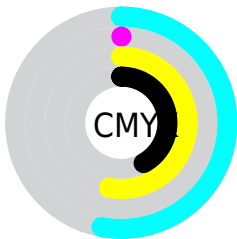
Blue (27%)



Red (27%)

Yellow (58%)

Blue (58%)

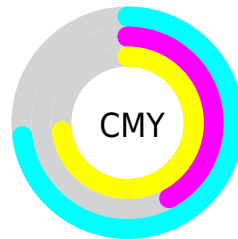


Cyan (53%)

Magenta (0%)

Yellow (53%)

Black (42%)



Cyan (73%)

Magenta (42%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 459445 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 459445 by changing the saturation by 10% instead.

 459445

 459445

FFFFFF

 287A2D

 7CCB77

 006015

 97E791

 004800

 B3FFAC

 003000

 D0FFC8

 001A00

 EDFFE4

 000000

 459445

 459445

 369436

 549454

 279427

 639463

 199419

 719471

 0A940A

 809480

 009400

 8F948F

 9E949E

 AD94AD

 BB94BB

 CA94CA

Harmonies

Analogous

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



7E8B24



459445



009972

Triad

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



459445



008DDF



D85A66

Complementary

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



459445



944594

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.



D05A95



459445



687EDB

Square

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



459445



0096CA



AD6ABF



C8693D

Rectangle

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



459445



009A92



AD6ABF



D85876

Sweetspot

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



459445



A1BFA1



949445



4E614E



E0E0E0



616161

Same Dimension

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



459445



45BF45



45946D



434A43



008A00



000A00

Inverse Universe

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



944594



BF45BF



94456D



4A434A



8A008A



0A000A

Previews

White Background



This preview shows how the Hex color 459445 looks on a white background.

Color Contrast Check

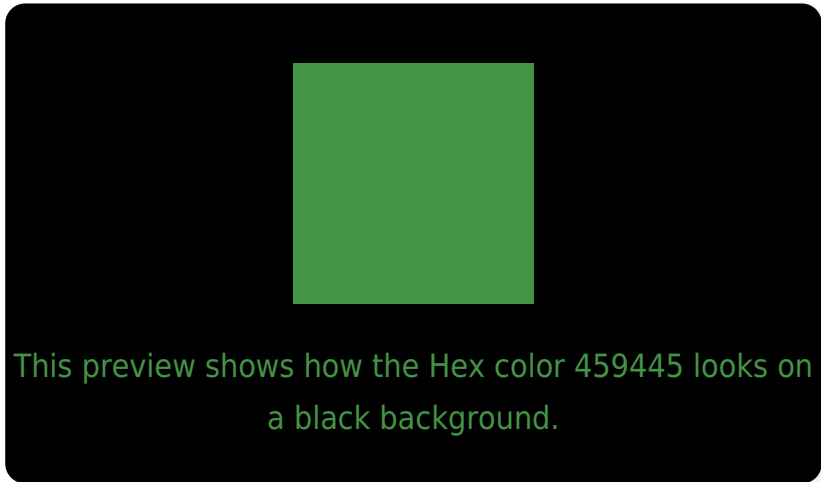
Large Text (above 18pt) WCAG AA ✓ Pass

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

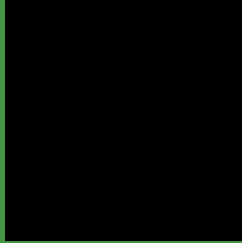
Any Text WCAG AA ✓ Pass

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 459445 Background



This preview shows how black text looks on a background with the Hex color 459445.

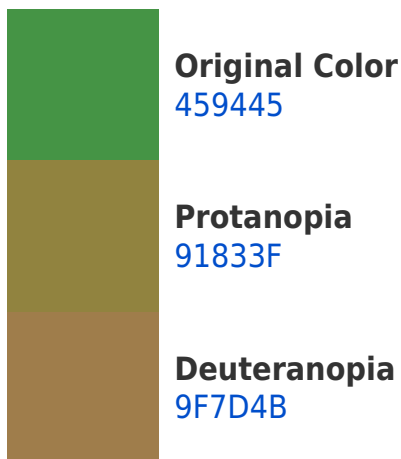


This preview shows how white text looks on a background with the Hex color 459445.

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](#).

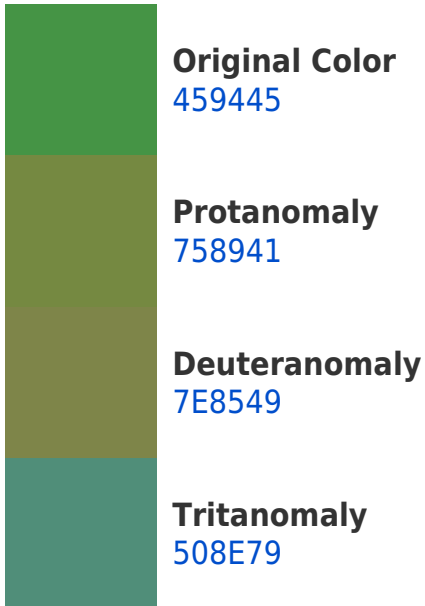
Dichromacy



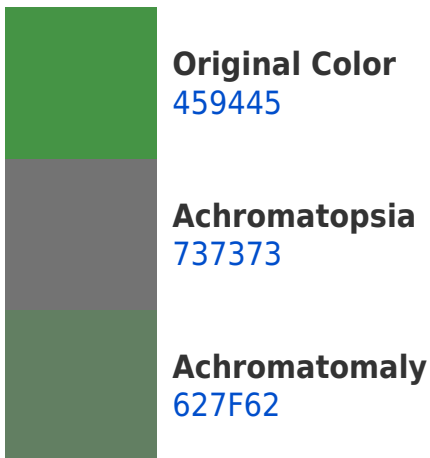


Tritanopia
578B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 459445 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 #459445 looks like.

```
.text, #text, p{  
    color:#459445  
}
```

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 #459445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #459445
}
```

Border

The CSS property to change the border of an element to Hex 459445 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
#459445 }
```

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

```
.border{ border-color:#459445 }
```

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

Here you see how a box with a 4 pixel #459445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #459445; -webkit-box-shadow:4px 4px  
4px 4px #459445; box-shadow:4px 4px 4px  
4px #459445 }
```

Background

The CSS property to change the background color of an element to Hex 459445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#459445 }
```

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

```
.background{ background-color:#459445 }
```

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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