

Converting Colors

Hex(459616)

Have a look what the booklet for
Hex(459616) contains.

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Color

Hex(459616)

Conversions

Conversions Part 1

Format	Color
Hex	459616
RGB	69, 150, 22
RGB Percent	27%, 59%, 9%
CMY	0.7294, 0.4118, 0.9137
CMYK	0.54, 0.00, 0.85, 0.41
HSL	98°, 74%, 34%
HSV	98°, 85%, 59%
XYZ	13.5054, 23.1358, 4.5129
YIQ	111.1890, -7.1880, -56.9800

Conversions

Conversions Part 2

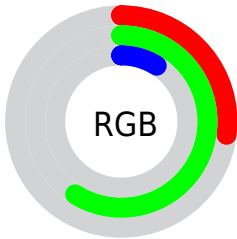
Format	Color
R_{YB}	22, 150, 103
Decimal	4560406
CIE _{Lab}	55.21, -46.04, 53.57
CIE _{LCh}	55, 70.630, 130.678
Yxy	23.1358, 0.3282, 0.5622
Android (android.graphics.Color)	4282750486 (0xFF459616)
YUV	111.1890, -43.9702, -36.9998
Hunter-Lab	48.0997, -34.0554, 28.1070

Details

The Hex color **459616** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **671696**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **7ECD4F**, and **006200** is the 20% darker color. If you saturate the color by 10%, you get **3C9607**, and if you desaturate by 10%, it is **4E9625**.

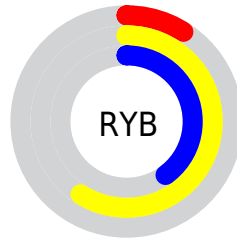
Distribution



Red (27%)

Green (59%)

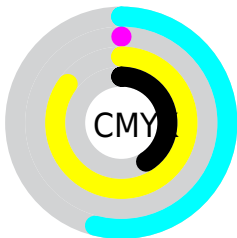
Blue (9%)



Red (9%)

Yellow (59%)

Blue (40%)

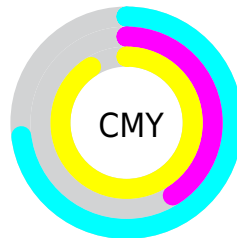


Cyan (54%)

Magenta (0%)

Yellow (85%)

Black (41%)



Cyan (73%)

Magenta (41%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 459616 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 459616 by changing the saturation by 10% instead.



459616



459616

FFFFFF



267C00



7ECD4F



006200



9AE96A



004900



B7FF85



003200



D4FFA0



001B00



F1FFBC



000000



FFFFD9



FFFFF6



459616



459616

■ 3C9607

■ 4E9625

■ 379600

■ 589634

■ 619643

■ 6B9652

■ 749661

■ 7E9670

■ 87967F

■ 91968E

■ 9A969D

Harmonies

Analogous

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



8B8800



459616



009D59

Triad

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



459616



0096F8



F03E71

Complementary

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



459616



671696

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.



DC49AE



459616



0084FE

Square

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



459616



009ED3



A169E2



E35537

Rectangle

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



459616



009F84



A169E2



ED3E86

Sweetspot

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



459616



A2C28F



966516



4E6143



E0E0E0



616161

Same Dimension

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



459616



47C200



169625



454A43



338A00



040A00

Inverse Universe

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



671696



7B00C2



961687



47434A



57008A



06000A

Previews

White Background



This preview shows how the Hex color 459616 looks on a white background.

Color Contrast Check

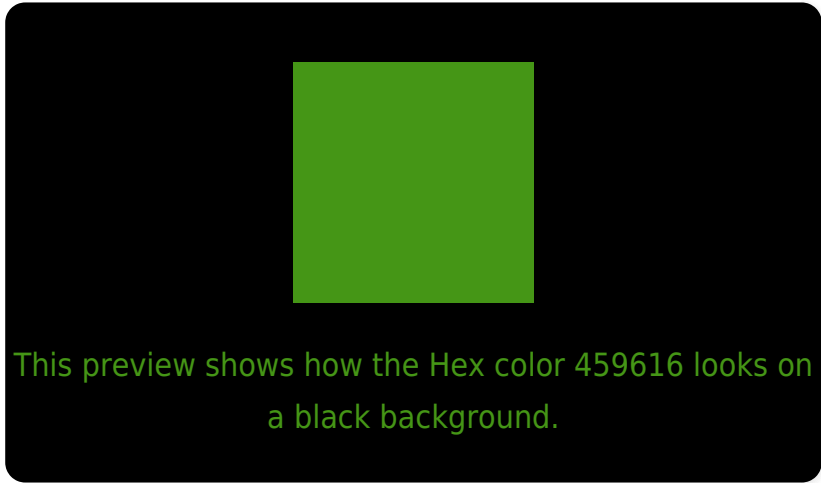
Large Text (above 18pt) WCAG AA ✓ Pass

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

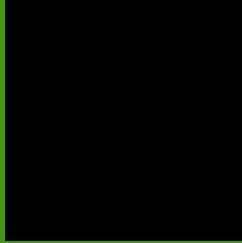
Any Text WCAG AA ✓ Pass

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 459616 Background



This preview shows how black text looks on a background with the Hex color 459616.



This preview shows how white text looks on a background with the Hex color 459616.

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](#).

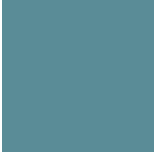
Dichromacy



Original Color
459616

Protanopia
948410

Deuteranopia
A57D25



Tritanopia
5A8C97

Trichromacy



Original Color
459616

Protanomaly
778B12

Deuteranomaly
828620

Tritanomaly
529068

Monochromacy



Original Color
459616

Achromatopsia
6F6F6F

Achromatomaly
607D4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 459616 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 #459616 looks like.

```
.text, #text, p{  
    color:#459616  
}
```

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 #459616 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #459616
}
```

Border

The CSS property to change the border of an element to Hex 459616 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
#459616 }
```

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

```
.border{ border-color:#459616 }
```

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

Here you see how a box with a 4 pixel #459616 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #459616; -webkit-box-shadow:4px 4px  
4px 4px #459616; box-shadow:4px 4px 4px  
4px #459616 }
```

Background

The CSS property to change the background color of an element to Hex 459616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#459616 }
```

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

```
.background{ background-color:#459616 }
```

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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