

# Converting Colors

Hex(459216)

Have a look what the booklet for  
Hex(459216) contains.

<b>Hex(459216)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(459216)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	459216
RGB	69, 146, 22
RGB Percent	27%, 57%, 9%
CMY	0.7294, 0.4275, 0.9137
CMYK	0.53, 0.00, 0.85, 0.43
HSL	97°, 74%, 33%
HSV	97°, 85%, 57%
XYZ	12.8779, 21.8809, 4.3038
YIQ	108.8410, -6.0880, -54.8880

# Conversions

## Conversions Part 2

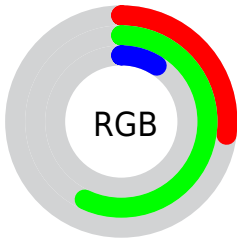
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 146, 99
Decimal	4559382
CIE <sub>Lab</sub>	53.90, -44.49, 52.39
CIE <sub>LCh</sub>	54, 68.731, 130.337
Yxy	21.8809, 0.3297, 0.5601
Android (android.graphics.Color)	4282749462 (0xFF459216)
YUV	108.8410, -42.8126, -34.9406
Hunter-Lab	46.7770, -32.7179, 27.2889

# Details

The Hex color **459216** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **631692**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7DC94F**, and **005E00** is the 20% darker color. If you saturate the color by 10%, you get **3C9207**, and if you desaturate by 10%, it is **4E9225**.

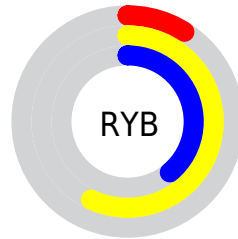
# Distribution



Red (27%)

Green (57%)

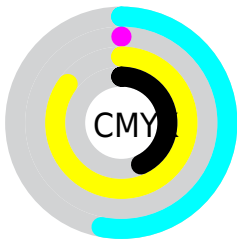
Blue (9%)



Red (9%)

Yellow (57%)

Blue (39%)

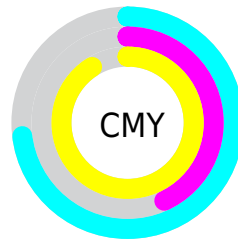


Cyan (53%)

Magenta (0%)

Yellow (85%)

Black (43%)



Cyan (73%)

Magenta (43%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 459216 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 459216 by changing the saturation by 10% instead.



 459216

 459216

FFFFFF

 277800

 7DC94F

 005E00

 99E569

 004600

 B6FF84

 002F00

 D3FF9F

 001600

 F0FFBB

 000000

 FFFFD8

 FFFFF5

 459216

 459216

■ 3C9207

■ 4E9225

■ 379200

■ 579233

■ 609242

■ 699250

■ 72925F

■ 7B926E

■ 84927C

■ 8E928B

■ 979299

# Harmonies

## Analogous

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



888500



459216



009956

# Triad

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



459216



0092F1



E93E6F

# Complementary

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



459216



631692

# 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.



D649AA



459216



0081F7

# Square

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



459216



009ACD



9C67DC



DD5336

# Rectangle

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



459216



009B80



9C67DC



E63D83



# Sweetspot

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



459216



9FBD8E



926216



4D5E42



DEDEDE



5E5E5E



# Same Dimension

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



459216



48BD00



169224



454A43



348A00



040A00



# Inverse Universe

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



631692



7500BD



921684



47434A



56008A



06000A



# Previews

## White Background



This preview shows how the Hex color 459216 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

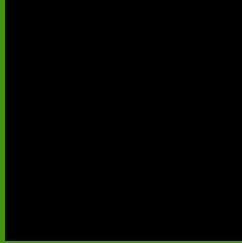
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 459216 Background



This preview shows how black text looks on a background with the Hex color 459216.

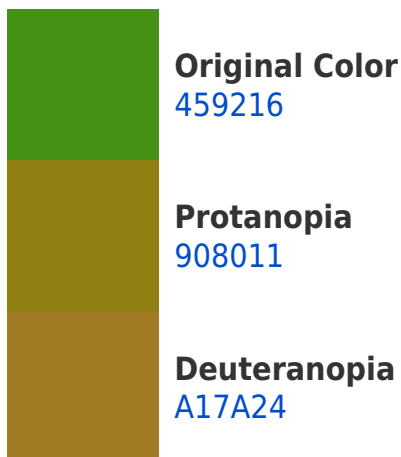


This preview shows how white text looks on a background with the Hex color 459216.

# 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](#).

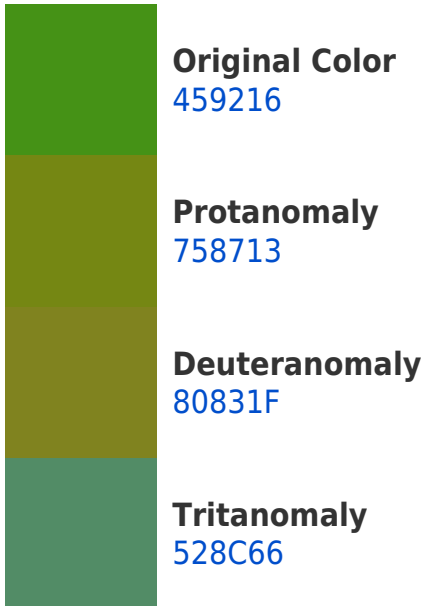
## Dichromacy



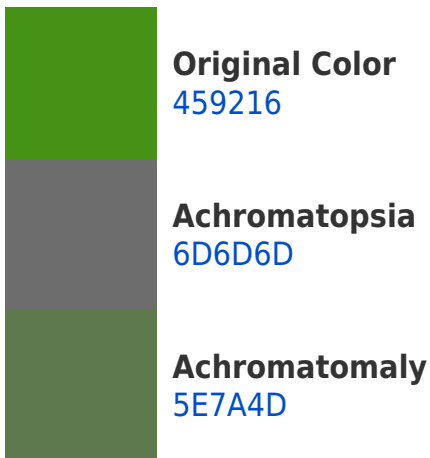


**Tritanopia**  
598893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 459216 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 #459216 looks like.

```
.text, #text, p{  
    color:#459216  
}
```

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 #459216 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #459216
}
```

## Border

The CSS property to change the border of an element to Hex 459216 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
#459216 }
```

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

```
.border{ border-color:#459216 }
```

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

Here you see how a box with a 4 pixel #459216 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #459216; -webkit-box-shadow:4px 4px  
4px 4px #459216; box-shadow:4px 4px 4px  
4px #459216 }
```

# Background

The CSS property to change the background color of an element to Hex 459216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#459216 }
```

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

```
.background{ background-color:#459216 }
```

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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