

# Converting Colors

Hex(459910)

Have a look what the booklet for  
Hex(459910) contains.

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**Color**

**Hex(459910)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	459910
RGB	69, 153, 16
RGB Percent	27%, 60%, 6%
CMY	0.7294, 0.4000, 0.9373
CMYK	0.55, 0.00, 0.90, 0.40
HSL	97°, 81%, 33%
HSV	97°, 90%, 60%
XYZ	13.9390, 24.0851, 4.4044
YIQ	112.2660, -6.0870, -60.4150

# Conversions

## Conversions Part 2

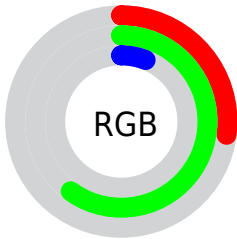
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 153, 100
Decimal	4561168
CIELab	56.17, -47.42, 55.78
CIELCh	56, 73.210, 130.366
Yxy	24.0851, 0.3285, 0.5677
Android (android.graphics.Color)	4282751248 (0xFF459910)
YUV	112.2660, -47.4591, -37.9443
Hunter-Lab	49.0766, -35.1854, 29.0325

# Details

The Hex color **459910** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **641099**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **7ED04D**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **3C9901**, and if you desaturate by 10%, it is **4E991F**.

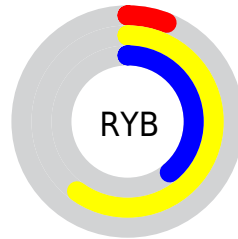
# Distribution



Red (27%)

Green (60%)

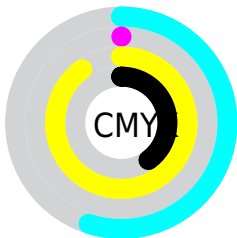
Blue (6%)



Red (6%)

Yellow (60%)

Blue (39%)

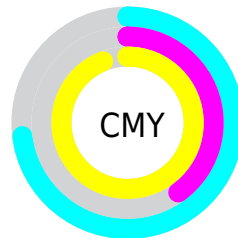


Cyan (55%)

Magenta (0%)

Yellow (90%)

Black (40%)



Cyan (73%)

Magenta (40%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 459910 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 459910 by changing the saturation by 10% instead.





459910



459910

FFFFFF



257F00



7ED04D



006500



9BED68



004C00



B8FF83



003400



D5FF9E



001E00



F2FFBA



000000



FFFFD7



FFFFF4



459910



459910

■ 3C9901

■ 4E991F

■ 3B9900

■ 58992F

■ 61993E

■ 6B994D

■ 74995C

■ 7D996C

■ 87997B

■ 90998A

■ 99999A

# Harmonies

## Analogous

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



8E8B00



459910



00A059

# Triad

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



459910



0099FF



F63C73

# Complementary

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



459910



641099

# 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.



E249B3



459910



0087FF

# Square

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



459910



00A1D8



A36AE9



E95536

# Rectangle

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



459910



00A286



A36AE9



F33B89



# Sweetspot

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



459910



A6C791



996210



506344



E3E3E3



636363



# Same Dimension

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



459910



4DC700



10991E



484D45



368C00



050D00



# Inverse Universe

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



641099



7A00C7



99108B



4A454D



56008C



08000D



# Previews

## White Background



This preview shows how the Hex color 459910 looks on a white background.

## Color Contrast Check

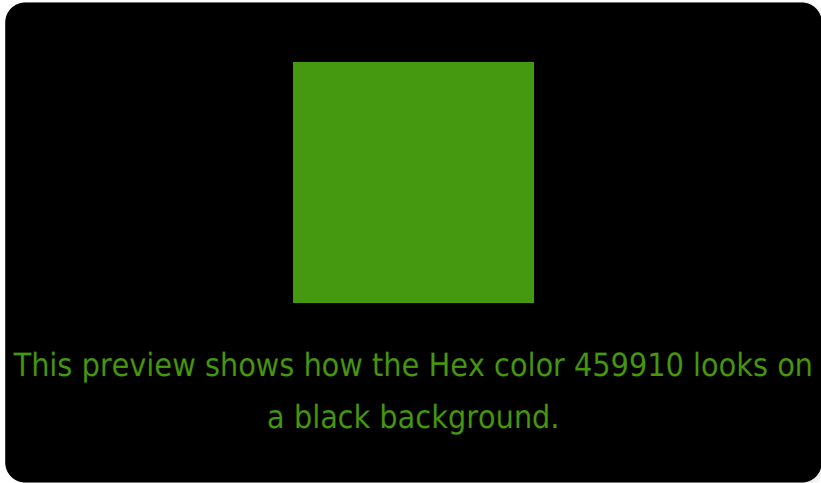
Large Text (above 18pt) WCAG AA ✓ Pass

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 459910 Background



This preview shows how black text looks on a background with the Hex color 459910.



This preview shows how white text looks on a background with the Hex color 459910.

# 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](#).

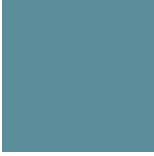
## Dichromacy



**Original Color**  
459910

**Protanopia**  
978607

**Deuteranopia**  
A87F23



**Tritanopia**  
5B8E9A

# Trichromacy



**Original Color**  
459910

**Protanomaly**  
798D0A

**Deuteranomaly**  
84881C

**Tritanomaly**  
539268

# Monochromacy



**Original Color**  
459910

**Achromatopsia**  
707070

**Achromatomaly**  
607F4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 459910 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 #459910 looks like.

```
.text, #text, p{  
    color:#459910  
}
```

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 #459910 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #459910
}
```

## Border

The CSS property to change the border of an element to Hex 459910 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
#459910 }
```

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

```
.border{ border-color:#459910 }
```

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

Here you see how a box with a 4 pixel #459910 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #459910; -webkit-box-shadow:4px 4px  
4px 4px #459910; box-shadow:4px 4px 4px  
4px #459910 }
```

# Background

The CSS property to change the background color of an element to Hex 459910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#459910 }
```

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

```
.background{ background-color:#459910 }
```

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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