

# Converting Colors

Hex(359609)

Have a look what the booklet for  
Hex(359609) contains.

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**Color**

**Hex(359609)**

# Conversions

## Conversions Part 1

Format	Color
Hex	359609
RGB	53, 150, 9
RGB Percent	21%, 59%, 4%
CMY	0.7922, 0.4118, 0.9647
CMYK	0.65, 0.00, 0.94, 0.41
HSL	101°, 89%, 31%
HSV	101°, 94%, 59%
XYZ	12.4239, 22.5893, 3.9638
YIQ	104.9230, -12.5510, -64.4150

# Conversions

## Conversions Part 2

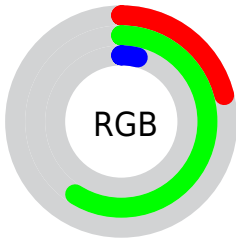
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 150, 106
Decimal	3511817
CIE <sub>Lab</sub>	54.65, -50.76, 55.52
CIE <sub>LCh</sub>	55, 75.227, 132.436
Yxy	22.5893, 0.3187, 0.5796
Android (android.graphics.Color)	4281701897 (0xFF359609)
YUV	104.9230, -47.2900, -45.5365
Hunter-Lab	47.5282, -36.5145, 28.3250

# Details

The Hex color **359609** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6A0996**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **71CD49**, and **006200** is the 20% darker color. If you saturate the color by 10%, you get **2F9600**, and if you desaturate by 10%, it is **3F9618**.

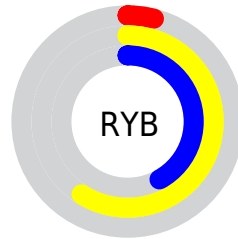
# Distribution



Red (21%)

Green (59%)

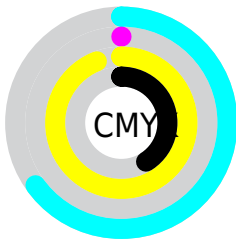
Blue (4%)



Red (4%)

Yellow (59%)

Blue (42%)

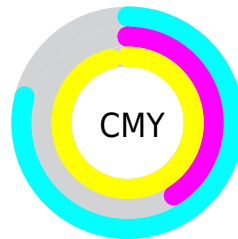


Cyan (65%)

Magenta (0%)

Yellow (94%)

Black (41%)



Cyan (79%)

Magenta (41%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 359609 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 359609 by changing the saturation by 10% instead.



 359609

 359609

FFFFFF

 097C00

 71CD49

 006200

 8EEA64

 004900

 ABFF7F

 003200

 C8FF9A

 001900

 E5FFB6

 000000

 FFFFD3

 FFFFF0

 359609

 359609

■ 2F9600

■ 3F9618

■ 4A9627

■ 549636

■ 5E9645

■ 699654

■ 739663

■ 7D9672

■ 889681

■ 929690

# Harmonies

## Analogous

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



858800



359609



009D59

# Triad

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



359609



0095FF



F4336B

# Complementary

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



359609



6A0996

# 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.



E23EAC



359609



0082FF

# Square

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



359609



009DDA



A663E4



E4512C

# Rectangle

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



359609



009F86



A663E4



F23080



# Sweetspot

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



359609



9CC28C



966909



4A6140



E0E0E0



616161



# Same Dimension

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



359609



3CC200



099623



454A43



2B8A00



030A00



# Inverse Universe

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



6A0996



8500C2



96097C



48434A



5F008A

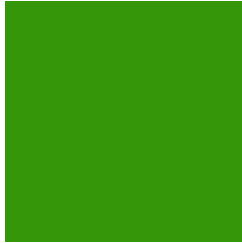


07000A



# Previews

## White Background



This preview shows how the Hex color 359609 looks on a white background.

## Color Contrast Check

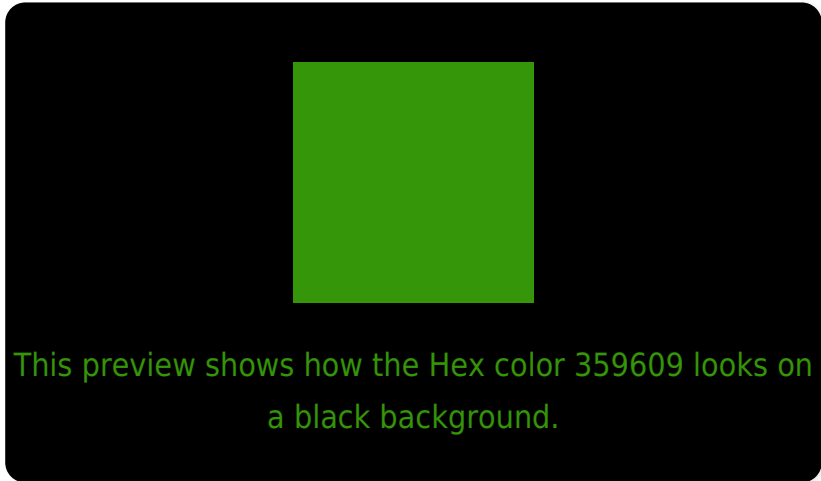
Large Text (above 18pt) WCAG AA ✓ Pass

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

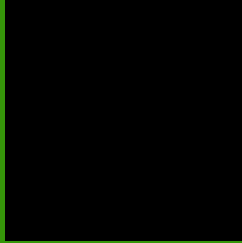
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 359609 Background



This preview shows how black text looks on a background with the Hex color 359609.



This preview shows how white text looks on a background with the Hex color 359609.

# 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**  
359609

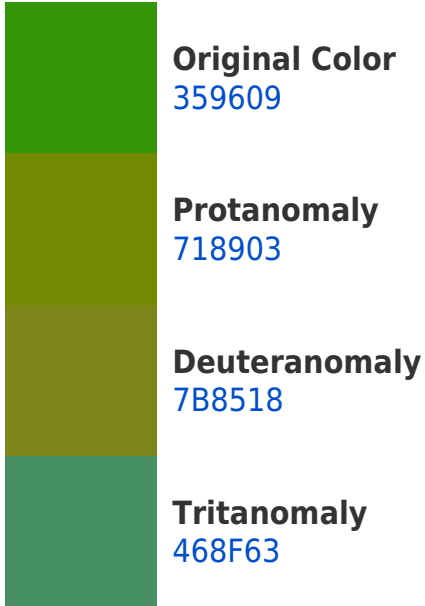
**Protanopia**  
938200

**Deuteranopia**  
A37B21

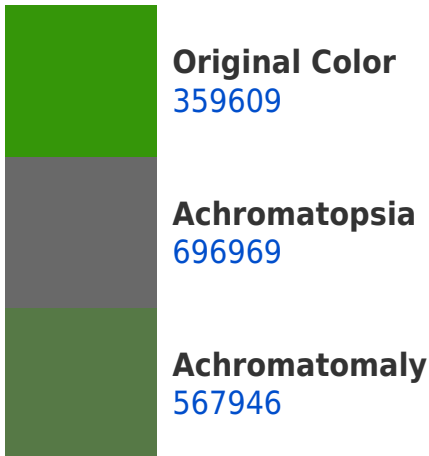


**Tritanopia**  
508B97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 359609 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 #359609 looks like.

```
.text, #text, p{  
    color:#359609  
}
```

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 #359609 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #359609
}
```

## Border

The CSS property to change the border of an element to Hex 359609 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
#359609 }
```

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

```
.border{ border-color:#359609 }
```

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

Here you see how a box with a 4 pixel #359609 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #359609; -webkit-box-shadow:4px 4px  
4px 4px #359609; box-shadow:4px 4px 4px  
4px #359609 }
```

# Background

The CSS property to change the background color of an element to Hex 359609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#359609 }
```

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

```
.background{ background-color:#359609 }
```

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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