

# Converting Colors

Hex(156309)

Have a look what the booklet for  
Hex(156309) contains.

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# Color

**Hex(156309)**

# Conversions

## Conversions Part 1

Format	Color
Hex	156309
RGB	21, 99, 9
RGB Percent	8%, 39%, 4%
CMY	0.9176, 0.6118, 0.9647
CMYK	0.79, 0.00, 0.91, 0.61
HSL	112°, 83%, 21%
HSV	112°, 91%, 39%
XYZ	4.8204, 9.1028, 1.7614
YIQ	65.4180, -17.5980, -44.5260

# Conversions

## Conversions Part 2

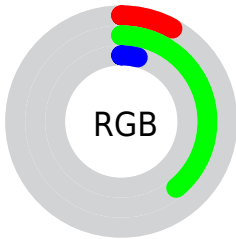
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	9, 99, 87
Decimal	1401609
CIE Lab	36.18, -39.84, 39.39
CIE LCh	36, 56.025, 135.331
Yxy	9.1028, 0.3073, 0.5804
Android (android.graphics.Color)	4279591689 (0xFF156309)
YUV	65.4180, -27.8141, -38.9546
Hunter-Lab	30.1709, -24.2801, 17.6582

# Details

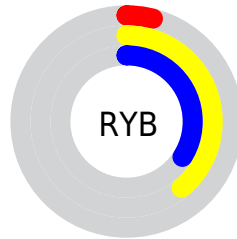
The Hex color **156309** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **570963**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **50973E**, and **003300** is the 20% darker color. If you saturate the color by 10%, you get **0D6300**, and if you desaturate by 10%, it is **1E6313**.

# Distribution



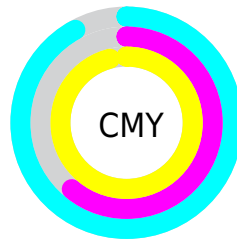
- Red (8%)
- Green (39%)
- Blue (4%)



- Red (4%)
- Yellow (39%)
- Blue (34%)



- Cyan (79%)
- Magenta (0%)
- Yellow (91%)
- Black (61%)



- Cyan (92%)
- Magenta (61%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 156309 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 156309 by changing the saturation by 10% instead.



 156309

 156309

 FFFFFA

 004A00

 50973E

 003300

 6BB257

 001E00

 86CE70

 000000

 A2EA8A

 BEFFA5

 DBFFC1

 F8FFDD

 156309

 156309

■ 0D6300

■ 1E6313

■ 26631D

■ 2F6327

■ 376331

■ 40633B

■ 486344

■ 51634E

■ 5A6358

■ 626362

# Harmonies

## Analogous

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



535A00



156309



00673D

# Triad

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



156309



0061AD



A31E40

# Complementary

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



156309



570963

# 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.



99236D



156309



0053AD

# Square

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



156309



006795



733D95



963515

# Rectangle

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



156309



00695C



733D95



A21B4F



# Sweetspot

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



156309



62805D



635709



2E402B



BFBFBF



404040



# Same Dimension

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



156309



118000



09632A



2C302C



0F7000



20F000



# Inverse Universe

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



570963



6F0080



630942



302C30



610070

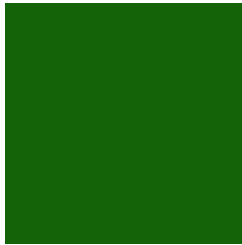


D000F0



# Previews

## White Background



This preview shows how the Hex color 156309 looks on a white background.

## Color Contrast Check

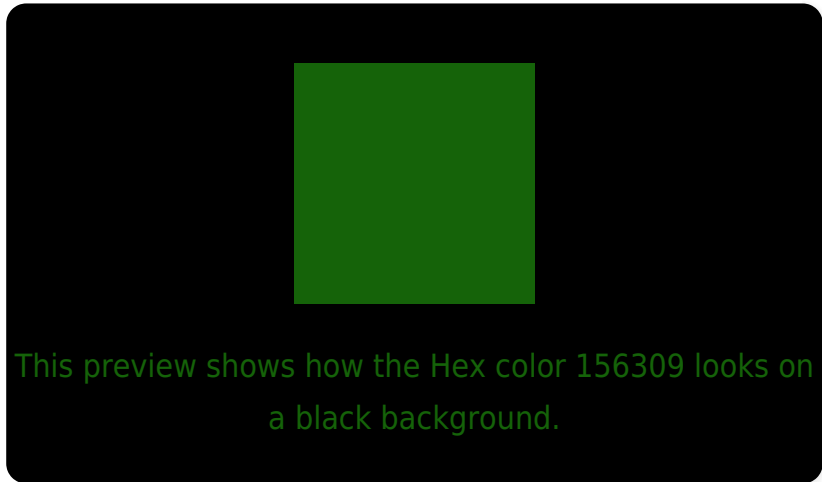
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

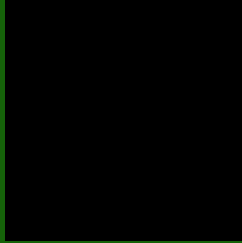
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 156309 Background



This preview shows how black text looks on a background with the Hex color 156309.



This preview shows how white text looks on a background with the Hex color 156309.

# 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**  
156309

**Protanopia**  
605500

**Deuteranopia**  
6B5117



**Tritanopia**  
2D5C64

# Trichromacy



**Original Color**  
156309

**Protanomaly**  
455A03

**Deuteranomaly**  
4C5812

**Tritanomaly**  
245F43

# Monochromacy



**Original Color**  
156309

**Achromatopsia**  
414141

**Achromatomaly**  
314D2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 156309 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 #156309 looks like.

```
.text, #text, p{  
    color:#156309  
}
```

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 #156309 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #156309
}
```

## Border

The CSS property to change the border of an element to Hex 156309 is called "border". The border property can be set on classes, ids or directly on the HTML element.

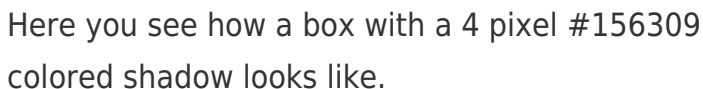
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#156309 }
```

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

```
.border{ border-color:#156309 }
```

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



Here you see how a box with a 4 pixel #156309 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #156309; -webkit-box-shadow:4px 4px  
4px 4px #156309; box-shadow:4px 4px 4px  
4px #156309 }
```

# Background

The CSS property to change the background color of an element to Hex 156309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#156309 }
```

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

```
.background{ background-color:#156309 }
```

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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