

# Converting Colors

Hex(156517)

Have a look what the booklet for  
Hex(156517) contains.

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# Color

Hex(156517)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	156517
RGB	21, 101, 23
RGB Percent	8%, 40%, 9%
CMY	0.9176, 0.6039, 0.9098
CMYK	0.79, 0.00, 0.77, 0.60
HSL	122°, 66%, 24%
HSV	122°, 79%, 40%
XYZ	5.1176, 9.5287, 2.3801
YIQ	68.1880, -22.6420, -41.2180

# Conversions

## Conversions Part 2

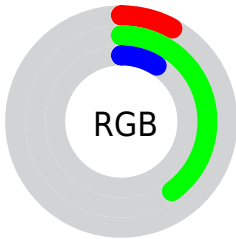
<b>Format</b>	<b>Color</b>
<b>RYB</b>	21, 99, 101
Decimal	1402135
CIELab	36.98, -39.57, 35.43
CIELCh	37, 53.113, 138.160
Yxy	9.5287, 0.3006, 0.5596
Android (android.graphics.Color)	4279592215 (0xFF156517)
YUV	68.1880, -22.2777, -41.3839
Hunter-Lab	30.8685, -24.4269, 17.0364

# Details

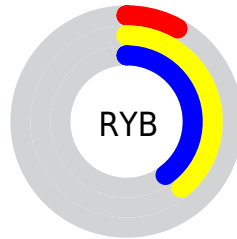
The Hex color **156517** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **651563**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **509948**, and **003500** is the 20% darker color. If you saturate the color by 10%, you get **0B650D**, and if you desaturate by 10%, it is **1F6521**.

# Distribution



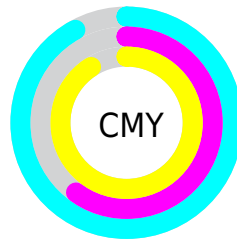
- Red (8%)
- Green (40%)
- Blue (9%)



- Red (8%)
- Yellow (39%)
- Blue (40%)



- Cyan (79%)
- Magenta (0%)
- Yellow (77%)
- Black (60%)



- Cyan (92%)
- Magenta (60%)
- Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 156517 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 156517 by changing the saturation by 10% instead.



 156517

 156517

FFFFFF

 004C00

 509948

 003500

 6BB461

 002000

 86D07A

 000000

 A1EC94

 BEFFB0

 DAFFCB

 F7FFE8

 156517

 156517

■ 0B650D

■ 1F6521

■ 016503

■ 29652B

■ 006503

■ 336535

■ 3D653E

■ 486548

■ 526552

■ 5C655C

■ 666566

■ 706570

# Harmonies

## Analogous

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



515D00



156517



006944

# Triad

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



156517



0061AB



A2283F

# Complementary

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



156517



651563

# 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.



9A296A



156517



2953A9

# Square

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



156517



006896



783E91



943B17

# Rectangle

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



156517



006A62



783E91



A2254D



# Sweetspot

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



156517



638264



646515



2F4230



C2C2C2



424242



# Same Dimension

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



156517



07820A



15653E



2E332E



007303



00F206



# Inverse Universe

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



651563



82077F



65153C



332E33



730070

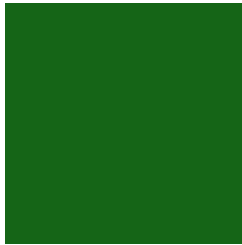


F200EC



# Previews

## White Background



This preview shows how the Hex color 156517 looks on a white background.

## Color Contrast Check

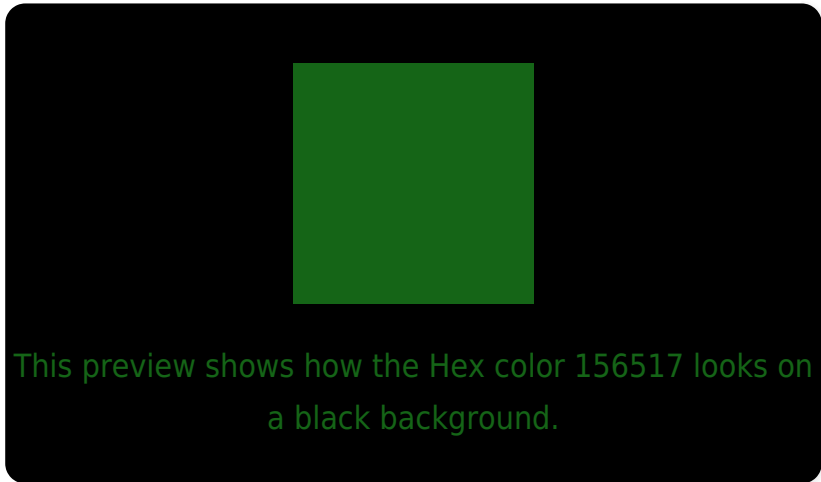
Large Text (above 18pt) WCAG AA ✓ Pass

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

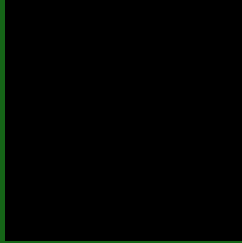
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 156517 Background



This preview shows how black text looks on a background with the Hex color 156517.



This preview shows how white text looks on a background with the Hex color 156517.

# 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](#).

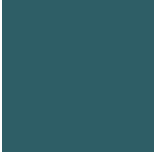
## Dichromacy



**Original Color**  
156517

**Protanopia**  
625713

**Deuteranopia**  
6C521F



**Tritanopia**  
2E5E66

# Trichromacy



**Original Color**  
156517

**Protanomaly**  
465C14

**Deuteranomaly**  
4C591C

**Tritanomaly**  
256149

# Monochromacy



**Original Color**  
156517

**Achromatopsia**  
444444

**Achromatomaly**  
335034

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 156517 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 #156517 looks like.

```
.text, #text, p{  
    color:#156517  
}
```

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 #156517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #156517
}
```

## Border

The CSS property to change the border of an element to Hex 156517 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
#156517 }
```

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

```
.border{ border-color:#156517 }
```

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

Here you see how a box with a 4 pixel #156517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #156517; -webkit-box-shadow:4px 4px  
4px 4px #156517; box-shadow:4px 4px 4px  
4px #156517 }
```

# Background

The CSS property to change the background color of an element to Hex 156517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#156517 }
```

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

```
.background{ background-color:#156517 }
```

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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