

# Converting Colors

Hex(156715)

Have a look what the booklet for  
Hex(156715) contains.

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# Color

Hex(156715)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 156715                      |
| RGB           | 21, 103, 21                 |
| RGB Percent   | 8%, 40%, 8%                 |
| CMY           | 0.9176, 0.5961, 0.9176      |
| CMYK          | 0.80, 0.00, 0.80, 0.60      |
| HSL           | 120°, 66%, 24%              |
| HSV           | 120°, 80%, 40%              |
| XYZ           | 5.2949, 9.9141, 2.3440      |
| YIQ           | 69.1340, -22.5500, -42.8860 |

# Conversions

## Conversions Part 2

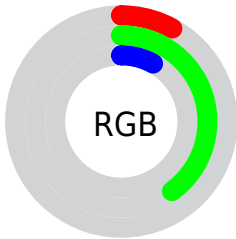
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 21, 103, 103                   |
| Decimal                             | 1402645                        |
| CIE Lab                             | 37.69, -40.45, 36.93           |
| CIE LCh                             | 38, 54.773, 137.608            |
| Yxy                                 | 9.9141, 0.3017,<br>0.5648      |
| Android<br>(android.graphics.Color) | 4279592725<br>(0xFF156715)     |
| YUV                                 | 69.1340, -23.7301,<br>-42.2135 |
| Hunter-Lab                          | 31.4866, -25.0846,<br>17.6268  |

# Details

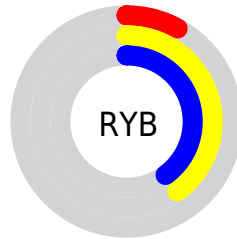
The Hex color **156715** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **671567**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **509B46**, and **003600** is the 20% darker color. If you saturate the color by 10%, you get **0B670B**, and if you desaturate by 10%, it is **1F671F**.

# Distribution



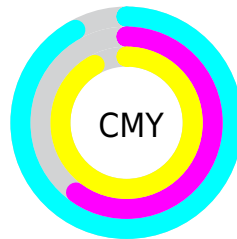
- Red (8%)
- Green (40%)
- Blue (8%)



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



- Cyan (80%)
- Magenta (0%)
- Yellow (80%)
- Black (60%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 156715 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 156715 by changing the saturation by 10% instead.



 156715

 156715

FFFFFF

 004E00

 509B46

 003600

 6BB65F

 002200

 87D279

 000000

 A2EF93

 BFFFAE

 DBFFCA

 F9FFE7

 156715

 156715

■ 0B670B

■ 1F671F

■ 006700

■ 2A672A

■ 346734

■ 3E673E

■ 496749

■ 536753

■ 5D675D

■ 676767

■ 726772

# Harmonies

## Analogous

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



535F00



156715



006B44

# Triad

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



156715



0063B0



A62741

# Complementary

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



156715



671567

# 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.



9E296D



156715



2455AE

# Square

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



156715



006A9A



7A3F95



983B17

# Rectangle

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



156715



006C63



7A3F95



A6244F



# Sweetspot

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



156715



678767



676715



314531



C4C4C4



454545



# Same Dimension

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



156715



058705



15673E



2E332E



007300



00F200



# Inverse Universe

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



671567



870587



67153E



332E33



730073

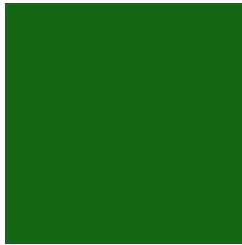


F200F2



# Previews

## White Background



This preview shows how the Hex color 156715 looks on a white background.

## Color Contrast Check

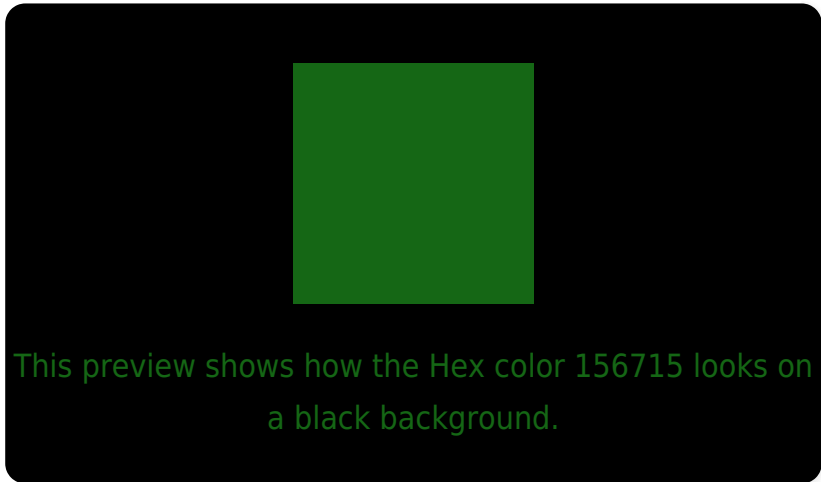
Large Text (above 18pt) WCAG AA ✓ Pass

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

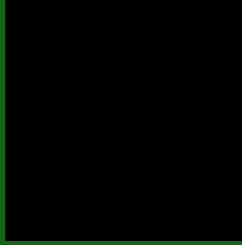
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 156715 Background



This preview shows how black text looks on a background with the Hex color 156715.



This preview shows how white text looks on a background with the Hex color 156715.

# 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**  
156715

**Protanopia**  
645911

**Deuteranopia**  
6F541E



# Trichromacy



**Original Color**  
156715



**Protanomaly**  
475E12



**Deuteranomaly**  
4E5B1B



**Tritanomaly**  
26634A

# Monochromacy



**Original Color**  
156715



**Achromatopsia**  
454545



**Achromatomaly**  
345134

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 156715 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 #156715 looks like.

```
.text, #text, p{  
    color:#156715  
}
```

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 #156715 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #156715
}
```

## Border

The CSS property to change the border of an element to Hex 156715 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
#156715 }
```

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

```
.border{ border-color:#156715 }
```

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

Here you see how a box with a 4 pixel #156715 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #156715; -webkit-box-shadow:4px 4px  
4px 4px #156715; box-shadow:4px 4px 4px  
4px #156715 }
```

# Background

The CSS property to change the background color of an element to Hex 156715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#156715 }
```

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

```
.background{ background-color:#156715 }
```

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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