

# Converting Colors

Hex(156847)

Have a look what the booklet for  
Hex(156847) contains.

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# Color

**Hex(156847)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	156847
RGB	21, 104, 71
RGB Percent	8%, 41%, 28%
CMY	0.9176, 0.5922, 0.7216
CMYK	0.80, 0.00, 0.32, 0.59
HSL	156°, 66%, 25%
HSV	156°, 80%, 41%
XYZ	6.3969, 10.5150, 7.6537
YIQ	75.4210, -38.8750, -27.8590

# Conversions

## Conversions Part 2

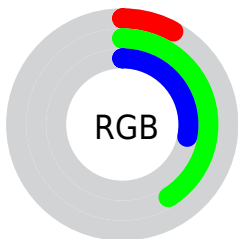
<b>Format</b>	<b>Color</b>
<b>RYB</b>	21, 73, 104
Decimal	1402951
CIELab	38.75, -32.61, 11.86
CIELCh	39, 34.703, 160.019
Yxy	10.5150, 0.2604, 0.4280
Android (android.graphics.Color)	4279593031 (0xFF156847)
YUV	75.4210, -2.1796, -47.7272
Hunter-Lab	32.4268, -21.5339, 8.7046

# Details

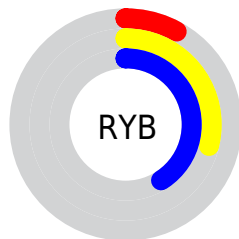
The Hex color **156847** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **681536**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4F9C78**, and **00381B** is the 20% darker color. If you saturate the color by 10%, you get **0B6843**, and if you desaturate by 10%, it is **1F684B**.

# Distribution



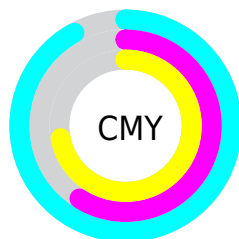
- Red (8%)
- Green (41%)
- Blue (28%)



- Red (8%)
- Yellow (29%)
- Blue (41%)



- Cyan (80%)
- Magenta (0%)
- Yellow (32%)
- Black (59%)



- Cyan (92%)
- Magenta (59%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 156847 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 156847 by changing the saturation by 10% instead.



 156847

 156847

FFFFFF

 004F30

 4F9C78

 00381B

 6AB791

 002302

 85D3AC

 000000

 A0EFC7

 BCFE3

 D9FFFF

 F6FFFF

 156847

 156847

■ 0B6843

■ 1F684B

■ 00683F

■ 2A684F

■ 346853

■ 3F6858

■ 49685C

■ 536860

■ 5E6864

■ 686868

■ 73686C

# Harmonies

## Analogous

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



44642E



156847



006964

# Triad

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



156847



3B5B93



8B4938

# Complementary

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



156847



681536

# 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.



904353



156847



6A5087

# Square

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



156847



006390



85466F



7B5325

# Rectangle

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



156847



006977



85466F



8E4641



# Sweetspot

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



156847



67877A



366815



31453D



C4C4C4



454545



# Same Dimension

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



156847



058754



156068



2E3331



007345



00F292



# Inverse Universe

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



681536



870539



681D15



332E30



73002E



F20060



# Previews

## White Background



This preview shows how the Hex color 156847 looks on a white background.

## Color Contrast Check

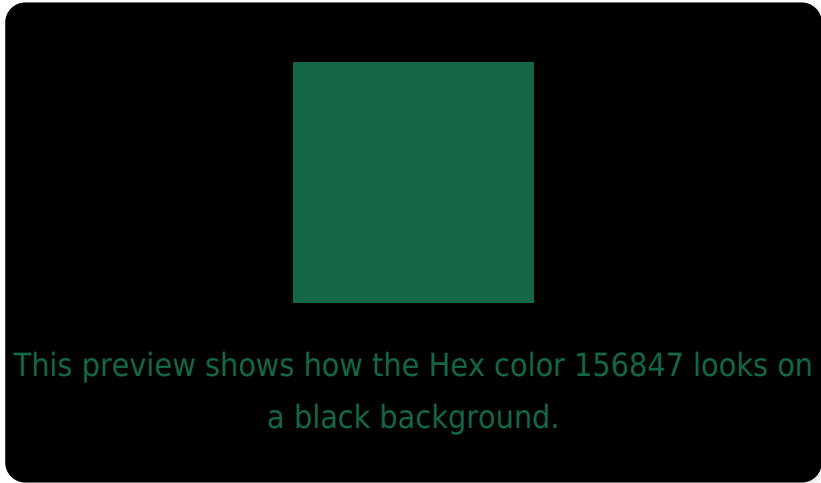
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

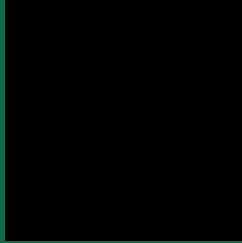
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 156847 Background



This preview shows how black text looks on a background with the Hex color 156847.



This preview shows how white text looks on a background with the Hex color 156847.

# 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**  
156847

**Protanopia**  
625B41

**Deuteranopia**  
69574B



**Tritanopia**  
28636B

# Trichromacy



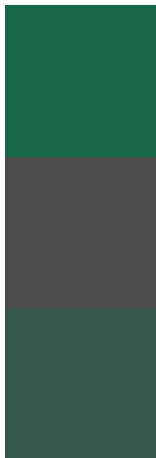
**Original Color**  
156847

**Protanomaly**  
466043

**Deuteranomaly**  
4A5D4A

**Tritanomaly**  
21655E

# Monochromacy



**Original Color**  
156847

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
37564A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 156847 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 #156847 looks like.

```
.text, #text, p{  
    color:#156847  
}
```

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 #156847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #156847
}
```

## Border

The CSS property to change the border of an element to Hex 156847 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
#156847 }
```

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

```
.border{ border-color:#156847 }
```

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

Here you see how a box with a 4 pixel #156847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #156847; -webkit-box-shadow:4px 4px  
4px 4px #156847; box-shadow:4px 4px 4px  
4px #156847 }
```

# Background

The CSS property to change the background color of an element to Hex 156847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#156847 }
```

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

```
.background{ background-color:#156847 }
```

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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