

# Converting Colors

Hex(156825)

Have a look what the booklet for  
Hex(156825) contains.

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# Color

Hex(156825)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	156825
RGB	21, 104, 37
RGB Percent	8%, 41%, 15%
CMY	0.9176, 0.5922, 0.8549
CMYK	0.80, 0.00, 0.64, 0.59
HSL	132°, 66%, 25%
HSV	132°, 80%, 41%
XYZ	5.5935, 10.1936, 3.4230
YIQ	71.5450, -27.9610, -38.4330

# Conversions

## Conversions Part 2

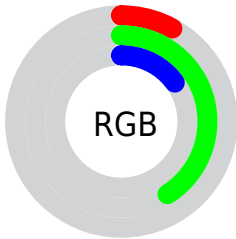
<b>Format</b>	<b>Color</b>
<b>RYB</b>	21, 91, 104
Decimal	1402917
CIELab	38.19, -39.08, 30.31
CIELCh	38, 49.456, 142.210
Yxy	10.1936, 0.2912, 0.5306
Android (android.graphics.Color)	4279592997 (0xFF156825)
YUV	71.5450, -17.0307, -44.3280
Hunter-Lab	31.9275, -24.6009, 15.9926

# Details

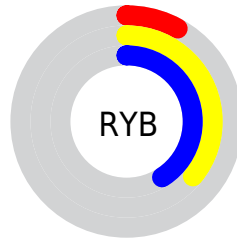
The Hex color **156825** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **681558**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **509C55**, and **003700** is the 20% darker color. If you saturate the color by 10%, you get **0B681D**, and if you desaturate by 10%, it is **1F682D**.

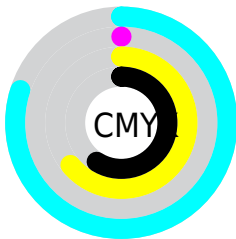
# Distribution



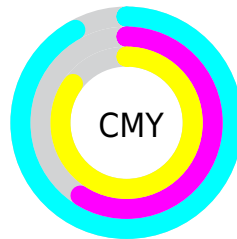
- Red (8%)
- Green (41%)
- Blue (15%)



- Red (8%)
- Yellow (36%)
- Blue (41%)



- Cyan (80%)
- Magenta (0%)
- Yellow (64%)
- Black (59%)



- Cyan (92%)
- Magenta (59%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 156825 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 156825 by changing the saturation by 10% instead.



 156825

 156825


FFFFFF

 004F0D

 509C55

 003700

 6BB76D

 002300

 86D387

 000000

 A1F0A2

 BEFFBD

 DAFFD9

 F7FFF6

 156825

 156825

■ 0B681D

■ 1F682D

■ 006814

■ 2A6836

■ 34683E

■ 3F6847

■ 49684F

■ 536857

■ 5E6860

■ 686868

■ 736871

# Harmonies

## Analogous

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



506100



156825



006C4E

# Triad

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



156825



0062AA



A0333E

# Complementary

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



156825



681558

# 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.



9C3166



156825



4354A5

# Square

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



156825



006999



80418C



91431A

# Rectangle

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



156825



006C6A



80418C



A1304B



# Sweetspot

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



156825



67876D



596815



314535



C4C4C4



454545



# Same Dimension

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



156825



05871E



15684E



2E332F



007316



00F22F



# Inverse Universe

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



681558



87056E



68152F



332E32



73005D



F200C4



# Previews

## White Background



This preview shows how the Hex color 156825 looks on a white background.

## Color Contrast Check

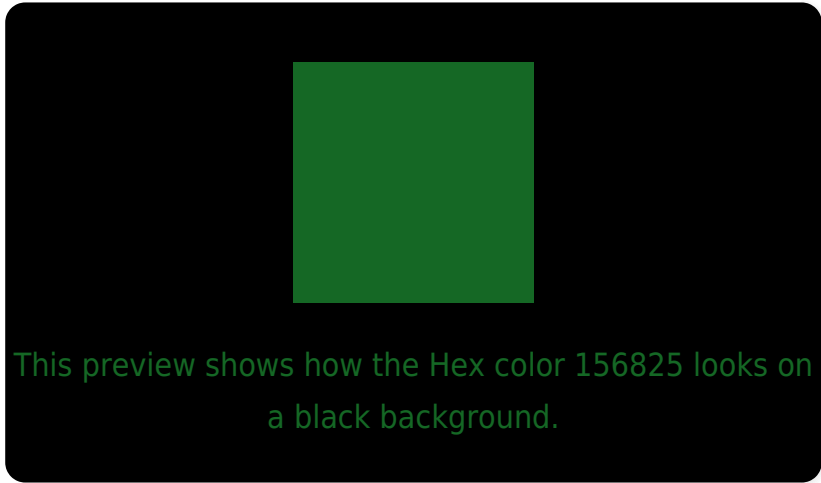
Large Text (above 18pt) WCAG AA ✓ Pass

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

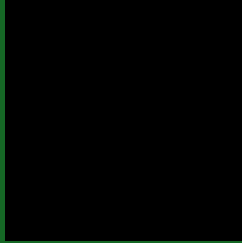
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 156825 Background



This preview shows how black text looks on a background with the Hex color 156825.



This preview shows how white text looks on a background with the Hex color 156825.

# 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**  
156825

**Protanopia**  
645A21

**Deuteranopia**  
6F552B



**Tritanopia**  
2E6169

# Trichromacy



**Original Color**  
156825



**Protanomaly**  
475F22



**Deuteranomaly**  
4E5C29



**Tritanomaly**  
256450

# Monochromacy



**Original Color**  
156825



**Achromatopsia**  
484848



**Achromatomaly**  
35543B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 156825 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 #156825 looks like.

```
.text, #text, p{  
    color:#156825  
}
```

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 #156825 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #156825
}
```

## Border

The CSS property to change the border of an element to Hex 156825 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".

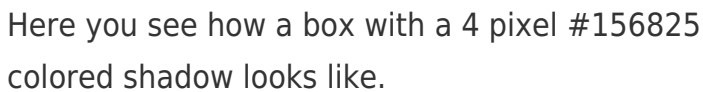
```
.border, #border, table{ border:4px solid
#156825 }
```

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

```
.border{ border-color:#156825 }
```

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

Here you see how a box with a 4 pixel #156825 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #156825; -webkit-box-shadow:4px 4px  
4px 4px #156825; box-shadow:4px 4px 4px  
4px #156825 }
```

# Background

The CSS property to change the background color of an element to Hex 156825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#156825 }
```

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

```
.background{ background-color:#156825 }
```

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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