

# Converting Colors

Hex(256A25)

Have a look what the booklet for  
Hex(256A25) contains.

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**Color**

**Hex(256A25)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 256A25                      |
| RGB           | 37, 106, 37                 |
| RGB Percent   | 15%, 42%, 15%               |
| CMY           | 0.8549, 0.5843, 0.8549      |
| CMYK          | 0.65, 0.00, 0.65, 0.58      |
| HSL           | 120°, 48%, 28%              |
| HSV           | 120°, 65%, 42%              |
| XYZ           | 6.2509, 10.8350, 3.5122     |
| YIQ           | 77.5030, -18.9750, -36.0870 |

# Conversions

## Conversions Part 2

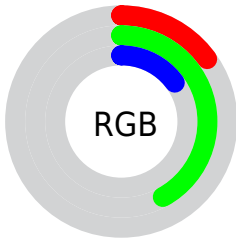
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 37, 106, 106                   |
| Decimal                             | 2452005                        |
| CIELab                              | 39.30, -36.54, 31.68           |
| CIELCh                              | 39, 48.365, 139.076            |
| Yxy                                 | 10.8350, 0.3035,<br>0.5260     |
| Android<br>(android.graphics.Color) | 4280642085<br>(0xFF256A25)     |
| YUV                                 | 77.5030, -19.9680,<br>-35.5211 |
| Hunter-Lab                          | 32.9165, -23.7063,<br>16.7154  |




# Details

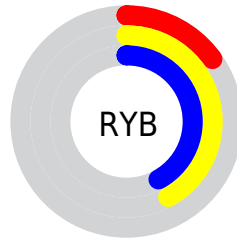
The Hex color **256A25** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6A256A**, and the grayscale version is **4E4E4E**.




A 20% lighter version of the original color is **5B9E55**, and **003900** is the 20% darker color. If you saturate the color by 10%, you get **1A6A1A**, and if you desaturate by 10%, it is **306A30**.

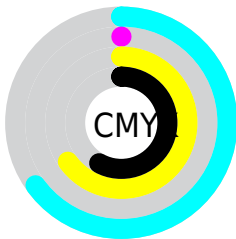
# Distribution







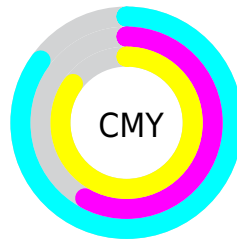
-  Red (15%)
-  Green (42%)
-  Blue (15%)






-  Red (15%)
-  Yellow (42%)
-  Blue (42%)



-  Cyan (65%)
-  Magenta (0%)
-  Yellow (65%)
-  Black (58%)



-  Cyan (85%)
-  Magenta (58%)
-  Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 256A25 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 256A25 by changing the saturation by 10% instead.



 256A25

 256A25

FFFFFF

 01510D

 5B9E55

 003900

 75B96E

 002500

 90D588

 000000

 ACF2A2

 C8FFBE

 E5FFDA

 FFFFF6

 256A25

 256A25

■ 1A6A1A

■ 306A30

■ 106A10

■ 3A6A3A

■ 056A05

■ 456A45

■ 006A00

■ 4F6A4F

■ 5A6A5A

■ 656A65

■ 6F6A6F

■ 7A6A7A

■ 846A84

# Harmonies

## Analogous

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



586201



256A25



006E4C

# Triad

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



256A25



0065AA



A33645

# Complementary

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



256A25



6A256A

# 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.



9C376D



256A25



3E58A7

# Square

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



256A25



006C97



7D4691



964521

# Rectangle

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



256A25



006F68



7D4691



A33452



# Sweetspot

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



256A25



6E8A6E



6A6A25



344534



C4C4C4



454545



# Same Dimension

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



256A25



1E8A1E



256A48



303630



007500



00F500



# Inverse Universe

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



6A256A



8A1E8A



6A2548



363036



750075



F500F5



# Previews

## White Background



This preview shows how the Hex color 256A25 looks on a white background.

## Color Contrast Check

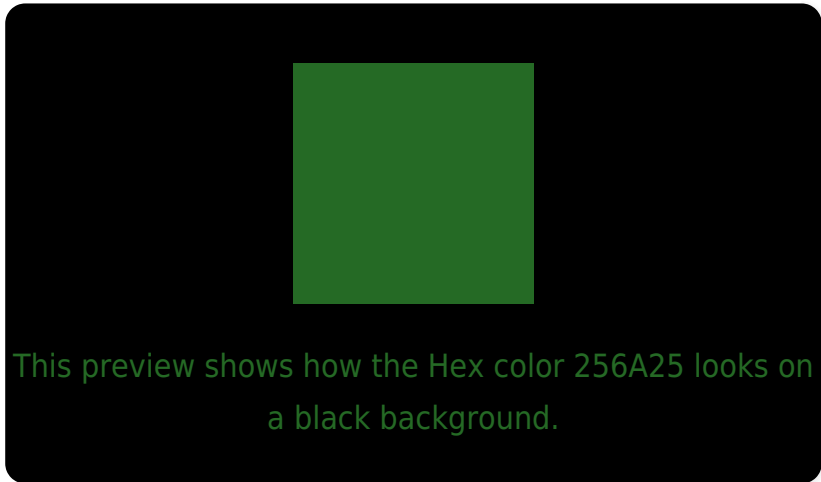
Large Text (above 18pt) WCAG AA ✓ Pass

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

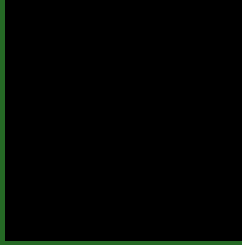
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 256A25 Background



This preview shows how black text looks on a background with the Hex color 256A25.



This preview shows how white text looks on a background with the Hex color 256A25.

# 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**  
256A25

**Protanopia**  
675C21

**Deuteranopia**  
72582B



**Tritanopia**  
37636B

# Trichromacy



**Original Color**  
256A25

**Protanomaly**  
4F6122

**Deuteranomaly**  
565F29

**Tritanomaly**  
306652

# Monochromacy



**Original Color**  
256A25

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
3F583F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 256A25 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 #256A25 looks like.

```
.text, #text, p{  
    color:#256A25  
}
```

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 #256A25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #256A25
}
```

## Border

The CSS property to change the border of an element to Hex 256A25 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
#256A25 }
```

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

```
.border{ border-color:#256A25 }
```

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

Here you see how a box with a 4 pixel #256A25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #256A25; -webkit-box-shadow:4px 4px  
4px 4px #256A25; box-shadow:4px 4px 4px  
4px #256A25 }
```

# Background

The CSS property to change the background color of an element to Hex 256A25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#256A25 }
```

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

```
.background{ background-color:#256A25 }
```

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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