

# Converting Colors

Decimal(416000)

Have a look what the booklet for  
Decimal(416000) contains.

<b>Decimal(416000)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(416000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	065900
RGB	6, 89, 0
RGB Percent	2%, 35%, 0%
CMY	0.9765, 0.6510, 1.0000
CMYK	0.93, 0.00, 1.00, 0.65
HSL	116°, 100%, 17%
HSV	116°, 100%, 35%
XYZ	3.6475, 7.1835, 1.1943
YIQ	54.0370, -20.8990, -45.2750

# Conversions

## Conversions Part 2

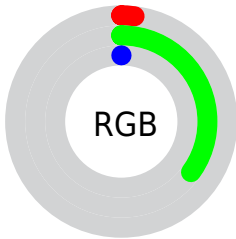
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 89, 83
Decimal	416000
CIELab	32.22, -39.20, 38.70
CIELCh	32, 55.085, 135.365
Yxy	7.1835, 0.3033, 0.5974
Android (android.graphics.Color)	4278606080 (0xFF065900)
YUV	54.0370, -26.6402, -42.1284
Hunter-Lab	26.8020, -22.6115, 16.1194

# Details

The Decimal color **416000** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5439577**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **4623413**, and **11008** is the 20% darker color. If you saturate the color by 10%, you get **416000**, and if you desaturate by 10%, it is **940297**.

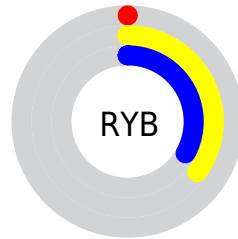
# Distribution



Red (2%)

Green (35%)

Blue (0%)



Red (0%)

Yellow (35%)

Blue (33%)

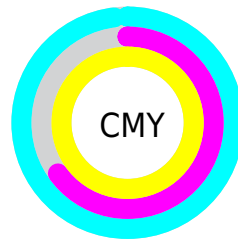


Cyan (93%)

Magenta (0%)

Yellow (100%)

Black (65%)



Cyan (98%)

Magenta (65%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 416000 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 Decimal color 416000 by changing the saturation by 10% instead.



 416000  416000

 16777200  16640

 4623413  11008

 6399822  3840

 8176231  0

 10018433

 11860892

 13696951

 15597523

 416000

■ 940297

■ 1530130

■ 2054427

■ 2578724

■ 3103021

■ 3692853

■ 4217150

■ 4741447

■ 5331280

# Harmonies

## Analogous

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



4804864



416000



23860

# Triad

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



416000



22432



9834808

# Complementary

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



416000



5439577

# 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.



9246563



416000



19104

# Square

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



416000



23945



6829193



9055245

# Rectangle

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



416000



24147



6829193



9833798



# Sweetspot

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



416000



5469008



5853696



2571046



12237498



3881787



# Same Dimension

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



416000



553728



22821



2566951



486144



1108736



# Inverse Universe

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



5439577



7012467



5832756



2828075



6553707

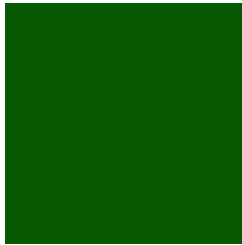


14352619



# Previews

## White Background



This preview shows how the Decimal color 416000 looks on a white background.

## Color Contrast Check

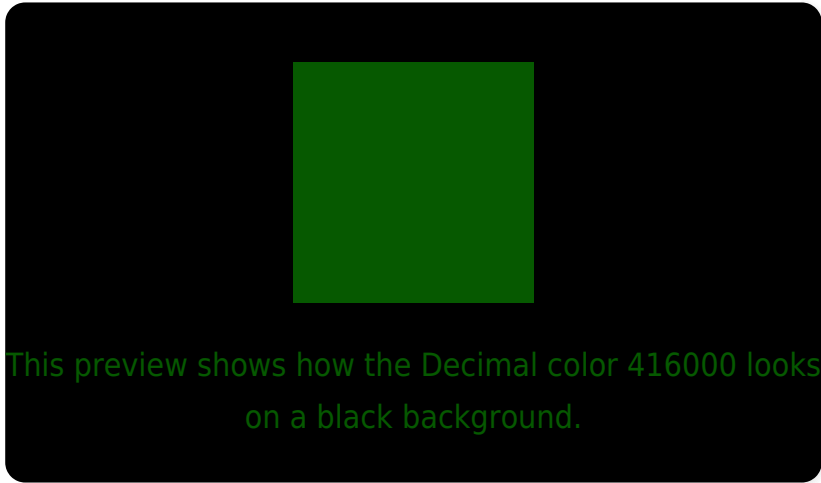
Large Text (above 18pt) WCAG AA ✓ Pass

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

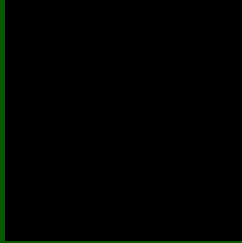
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 416000 Background



This preview shows how black text looks on a background with the Decimal color 416000.



This preview shows how white text looks on a background with the Decimal color 416000.

# 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**  
416000

**Protanopia**  
565552

**Deuteranopia**  
6309907



**Tritanopia**  
2511705

# Trichromacy



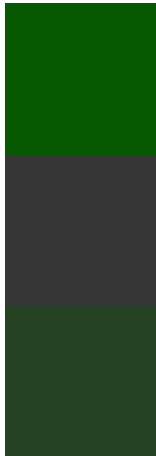
**Original Color**  
416000

**Protanomaly**  
3756288

**Deuteranomaly**  
4148748

**Tritanomaly**  
1725753

# Monochromacy



**Original Color**  
416000

**Achromatopsia**  
3552822

**Achromatomaly**  
2442018

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 416000 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 #065900 looks like.

```
.text, #text, p{  
    color:#065900  
}
```

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 #065900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #065900
}
```

## Border

The CSS property to change the border of an element to Decimal 416000 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".

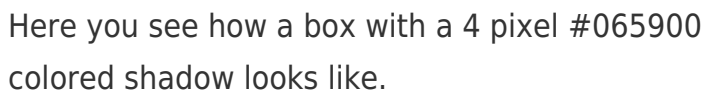
```
.border, #border, table{ border:4px solid
#065900 }
```

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

```
.border{ border-color:#065900 }
```

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

Here you see how a box with a 4 pixel #065900 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #065900; -webkit-box-shadow:4px 4px  
4px 4px #065900; box-shadow:4px 4px 4px  
4px #065900 }
```

# Background

The CSS property to change the background color of an element to Decimal 416000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#065900 }
```

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

```
.background{ background-color:#065900 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor