

# Converting Colors

Decimal(16409)

Have a look what the booklet for  
Decimal(16409) contains.

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# Color

**Decimal(16409)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	004019
RGB	0, 64, 25
RGB Percent	0%, 25%, 10%
CMY	1.0000, 0.7490, 0.9020
CMYK	1.00, 0.00, 0.61, 0.75
HSL	143°, 100%, 13%
HSV	143°, 100%, 25%
XYZ	2.0089, 3.7370, 1.5351
YIQ	40.4180, -25.6250, -25.6970

# Conversions

## Conversions Part 2

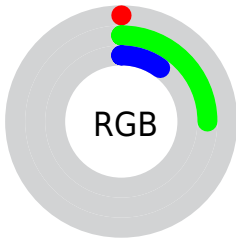
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 46, 64
Decimal	16409
CIELab	22.78, -28.92, 18.55
CIELCh	23, 34.359, 147.325
Yxy	3.7370, 0.2759, 0.5133
Android (android.graphics.Color)	4278206489 (0xFF004019)
YUV	40.4180, -7.6011, -35.4466
Hunter-Lab	19.3313, -15.2804, 8.8236

# Details

The Decimal color **16409** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4194343**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **3699013**, and **4352** is the 20% darker color. If you saturate the color by 10%, you get **16409**, and if you desaturate by 10%, it is **409629**.

# Distribution



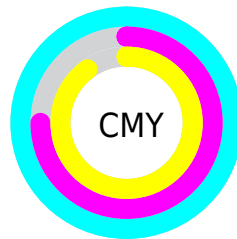
- Red (0%)
- Green (25%)
- Blue (10%)



- Red (0%)
- Yellow (18%)
- Blue (25%)



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16409 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 16409 by changing the saturation by 10% instead.



 16409  16409

 16121854  10496

 3699013  4352

 5409373  0

 7054710

 8831120

 10542250

 12384710

 14221282

 16409

■ 409629

■ 868385

■ 1261605

■ 1720361

■ 2113581

■ 2506800

■ 2965556

■ 3358776

■ 3817532

# Harmonies

## Analogous

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



2898945



16409



16947

# Triad

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



16409



14954



6496033

# Complementary

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



16409



4194343

# 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.



6429754



16409



3223908

# Square

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



16409



16481



5449042



5777929

# Rectangle

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



16409



16965



5449042



6561065



# Sweetspot

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



16409



3888197



2572288



1846050



11250603



2829099



# Same Dimension

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



16409



21537



16441



1974559



24870



57432



# Inverse Universe

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



4194343



5505075



4194311



2170400



6357051



14680201



# Previews

## White Background



This preview shows how the Decimal color 16409 looks on a white background.

### Color Contrast Check

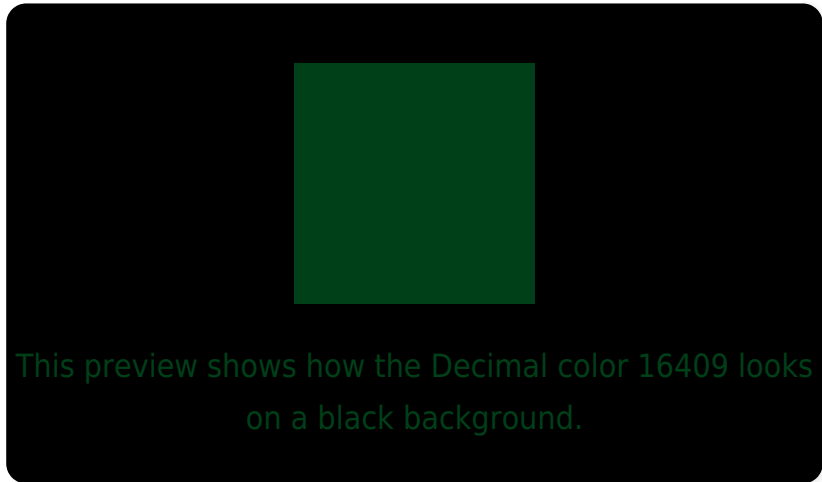
Large Text (above 18pt) WCAG AA ✓ Pass

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

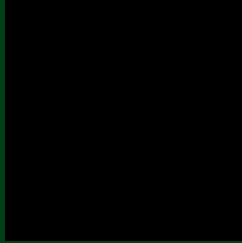
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 16409 Background



This preview shows how black text looks on a background with the Decimal color 16409.



This preview shows how white text looks on a background with the Decimal color 16409.

# 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**  
16409

**Protanopia**  
4011798

**Deuteranopia**  
4404252



**Tritanopia**  
1719361

# Trichromacy



**Original Color**  
16409

**Protanomaly**  
2570775

**Deuteranomaly**  
2832411

**Tritanomaly**  
1129778

# Monochromacy



**Original Color**  
16409

**Achromatopsia**  
2631720

**Achromatomaly**  
1650979

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16409 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 #004019 looks like.

```
.text, #text, p{  
    color:#004019  
}
```

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 #004019 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004019
}
```

## Border

The CSS property to change the border of an element to Decimal 16409 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
#004019 }
```

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

```
.border{ border-color:#004019 }
```

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

Here you see how a box with a 4 pixel #004019 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004019; -webkit-box-shadow:4px 4px  
4px 4px #004019; box-shadow:4px 4px 4px  
4px #004019 }
```

# Background

The CSS property to change the background color of an element to Decimal 16409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004019 }
```

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

```
.background{ background-color:#004019 }
```

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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