

# Converting Colors

Hex(166419)

Have a look what the booklet for  
Hex(166419) contains.

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# Color

**Hex(166419)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	166419
RGB	22, 100, 25
RGB Percent	9%, 39%, 10%
CMY	0.9137, 0.6078, 0.9020
CMYK	0.78, 0.00, 0.75, 0.61
HSL	122°, 64%, 24%
HSV	122°, 78%, 39%
XYZ	5.0635, 9.3551, 2.4585
YIQ	68.1280, -22.4130, -39.8610

# Conversions

## Conversions Part 2

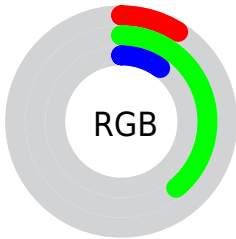
<b>Format</b>	<b>Color</b>
<b>RYB</b>	22, 97, 100
Decimal	1467417
CIELab	36.66, -38.84, 34.26
CIELCh	37, 51.794, 138.584
Yxy	9.3551, 0.3000, 0.5543
Android (android.graphics.Color)	4279657497 (0xFF166419)
YUV	68.1280, -21.2621, -40.4543
Hunter-Lab	30.5861, -23.9751, 16.6445

# Details

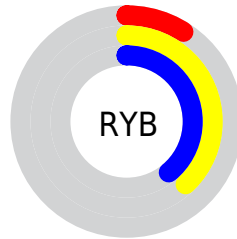
The Hex color **166419** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **641661**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **509849**, and **003400** is the 20% darker color. If you saturate the color by 10%, you get **0C640F**, and if you desaturate by 10%, it is **206423**.

# Distribution



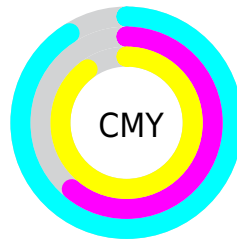
- Red (9%)
- Green (39%)
- Blue (10%)



- Red (9%)
- Yellow (38%)
- Blue (39%)



- Cyan (78%)
- Magenta (0%)
- Yellow (75%)
- Black (61%)



- Cyan (91%)
- Magenta (61%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 166419 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 166419 by changing the saturation by 10% instead.



 166419

 166419

FFFFFF

 004B00

 509849

 003400

 6BB362

 001F00

 86CF7C

 000000

 A1EB96

 BDFFB1

 DAFFCD

 F7FFE9

 166419

 166419

■ 0C640F

■ 206423

■ 026406

■ 2A642C

■ 006404

■ 346436

■ 3E643F

■ 486449

■ 526453

■ 5C645C

■ 666466

■ 706470

# Harmonies

## Analogous

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



505C00



166419



006844

# Triad

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



166419



0060A8



9F2A3E

# Complementary

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



166419



641661

# 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.



982A68



166419



2D52A6

# Square

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



166419



006794



783E8E



923C17

# Rectangle

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



166419



006961



783E8E



9F274C



# Sweetspot

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



166419



648265



616416



304230



C2C2C2



424242



# Same Dimension

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



166419



08820D



166440



2E332E



007304



00F209



# Inverse Universe

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



641661



82087D



64163A



332E33



73006E

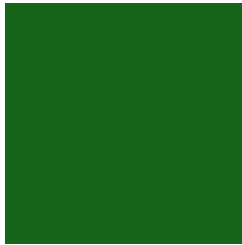


F200E9



# Previews

## White Background



This preview shows how the Hex color 166419 looks on a white background.

## Color Contrast Check

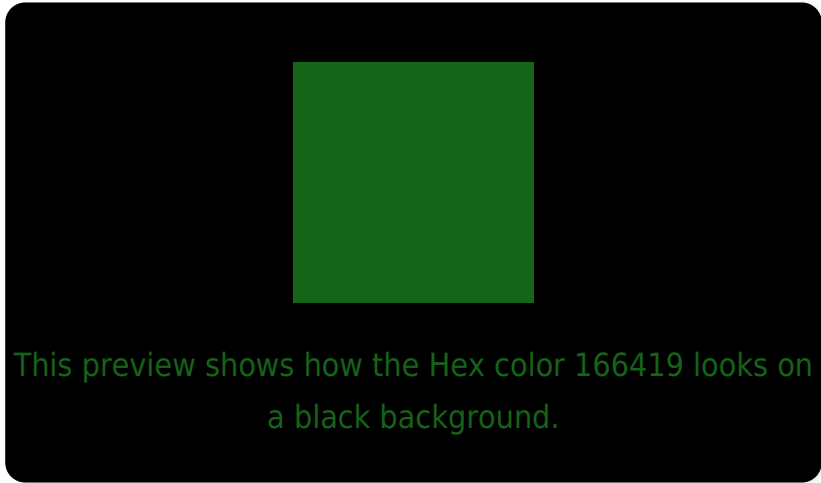
Large Text (above 18pt) WCAG AA ✓ Pass

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

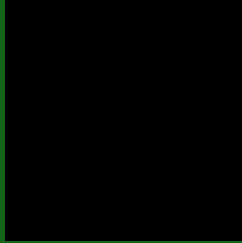
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 166419 Background



This preview shows how black text looks on a background with the Hex color 166419.



This preview shows how white text looks on a background with the Hex color 166419.

# 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**  
166419

**Protanopia**  
615615

**Deuteranopia**  
6B5220



**Tritanopia**  
2E5D65

# Trichromacy



**Original Color**  
166419



**Protanomaly**  
465B16



**Deuteranomaly**  
4C591D

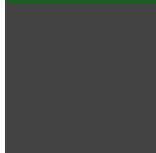


**Tritanomaly**  
256049

# Monochromacy



**Original Color**  
166419



**Achromatopsia**  
444444



**Achromatomaly**  
335034

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 166419 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 #166419 looks like.

```
.text, #text, p{  
    color:#166419  
}
```

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 #166419 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #166419
}
```

## Border

The CSS property to change the border of an element to Hex 166419 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
#166419 }
```

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

```
.border{ border-color:#166419 }
```

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

Here you see how a box with a 4 pixel #166419 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #166419; -webkit-box-shadow:4px 4px  
4px 4px #166419; box-shadow:4px 4px 4px  
4px #166419 }
```

# Background

The CSS property to change the background color of an element to Hex 166419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#166419 }
```

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

```
.background{ background-color:#166419 }
```

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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