

# Converting Colors

Hex(416621)

Have a look what the booklet for  
Hex(416621) contains.

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**Color**

**Hex(416621)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	416621
RGB	65, 102, 33
RGB Percent	25%, 40%, 13%
CMY	0.7451, 0.6000, 0.8706
CMYK	0.36, 0.00, 0.68, 0.60
HSL	92°, 51%, 26%
HSV	92°, 68%, 40%
XYZ	7.2059, 10.7364, 3.1314
YIQ	83.0710, 0.0970, -29.3030

# Conversions

## Conversions Part 2

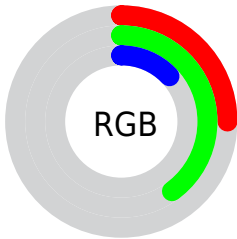
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 102, 70
Decimal	4285985
CIE <sub>Lab</sub>	39.13, -26.02, 33.78
CIE <sub>LCh</sub>	39, 42.642, 127.609
Yxy	10.7364, 0.3419, 0.5095
Android (android.graphics.Color)	4282476065 (0xFF416621)
YUV	83.0710, -24.6850, -15.8483
Hunter-Lab	32.7664, -18.0862, 17.2703

# Details

The Hex color **416621** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **462166**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **749951**, and **123700** is the 20% darker color. If you saturate the color by 10%, you get **3C6617**, and if you desaturate by 10%, it is **46662B**.

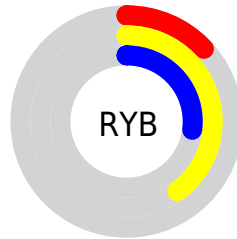
# Distribution



Red (25%)

Green (40%)

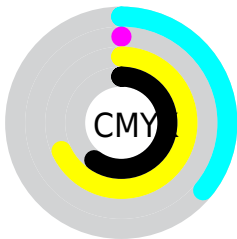
Blue (13%)



Red (13%)

Yellow (40%)

Blue (27%)

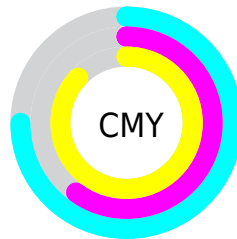


Cyan (36%)

Magenta (0%)

Yellow (68%)

Black (60%)



Cyan (75%)

Magenta (60%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 416621 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 416621 by changing the saturation by 10% instead.



 416621

 416621


FFFFFF

 284E08

 749951

 123700

 8EB46A

 002200

 A9D084

 000000

 C5EC9E

 E1FFB9

 FEFFD5

 FFFFF2

 416621

 416621

■ 3C6617

■ 46662B

■ 36660D

■ 4C6635

■ 316602

■ 516640

■ 2F6600

■ 57664A

■ 5C6654

■ 62665E

■ 676668

■ 6D6673

■ 72667D

# Harmonies

## Analogous

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



665D0E



416621



006B40

# Triad

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



416621



00679C



9B3B55

# Complementary

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



416621



462166

# 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.



8D4177



416621



1F5DA1

# Square

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



416621



006C86



694F93



964334

# Rectangle

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



416621



006C58



694F93



983B60



# Sweetspot

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



416621



76856A



664621



3A4232



C2C2C2



424242



# Same Dimension

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



416621



4B8519



216623



30332E



357300



70F200



# Inverse Universe

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



462166



531985



662164



312E33



3E0073

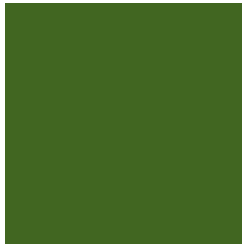


8200F2



# Previews

## White Background



This preview shows how the Hex color 416621 looks on a white background.

## Color Contrast Check

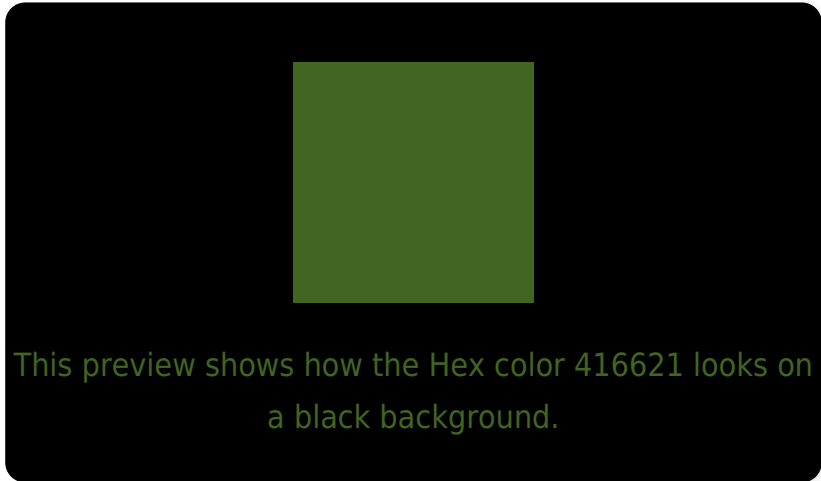
Large Text (above 18pt) WCAG AA ✓ Pass

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

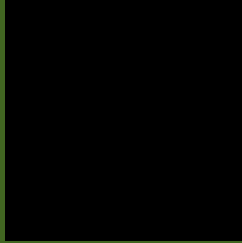
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 416621 Background



This preview shows how black text looks on a background with the Hex color 416621.



This preview shows how white text looks on a background with the Hex color 416621.

# 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**  
416621

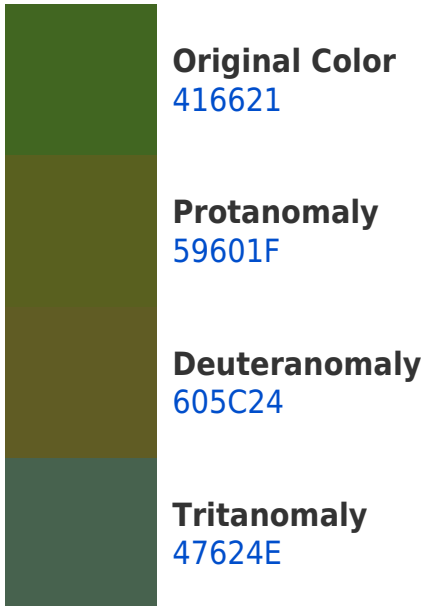
**Protanopia**  
675C1E

**Deuteranopia**  
725726



**Tritanopia**  
4B5F67

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 416621 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 #416621 looks like.

```
.text, #text, p{  
    color:#416621  
}
```

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 #416621 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416621
}
```

## Border

The CSS property to change the border of an element to Hex 416621 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".

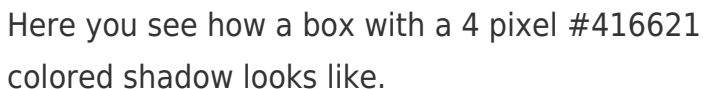
```
.border, #border, table{ border:4px solid
#416621 }
```

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

```
.border{ border-color:#416621 }
```

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

Here you see how a box with a 4 pixel #416621 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416621; -webkit-box-shadow:4px 4px  
4px 4px #416621; box-shadow:4px 4px 4px  
4px #416621 }
```

# Background

The CSS property to change the background color of an element to Hex 416621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416621 }
```

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

```
.background{ background-color:#416621 }
```

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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