

# Converting Colors

Hex(466237)

Have a look what the booklet for  
Hex(466237) contains.

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# Color

Hex(466237)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	466237
RGB	70, 98, 55
RGB Percent	27%, 38%, 22%
CMY	0.7255, 0.6157, 0.7843
CMYK	0.29, 0.00, 0.44, 0.62
HSL	99°, 28%, 30%
HSV	99°, 44%, 38%
XYZ	7.5831, 10.3133, 5.2054
YIQ	84.7260, -2.8850, -19.3090

# Conversions

## Conversions Part 2

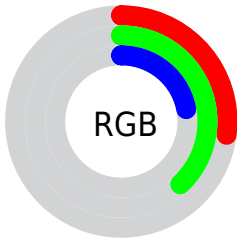
Format	Color
<b>RYB</b>	55, 98, 83
Decimal	4612663
CIELab	38.40, -19.23, 21.20
CIELCh	38, 28.625, 132.206
Yxy	10.3133, 0.3282, 0.4464
Android (android.graphics.Color)	4282802743 (0xFF466237)
YUV	84.7260, -14.6549, -12.9147
Hunter-Lab	32.1143, -14.0514, 12.8697

# Details

The Hex color **466237** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **533762**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **789567**, and **18330B** is the 20% darker color. If you saturate the color by 10%, you get **40622D**, and if you desaturate by 10%, it is **4C6241**.

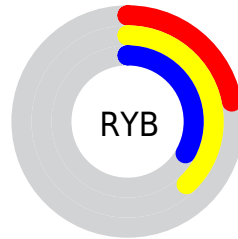
# Distribution



Red (27%)

Green (38%)

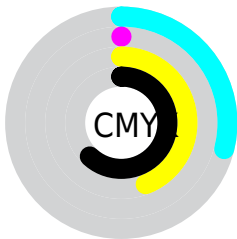
Blue (22%)



Red (22%)

Yellow (38%)

Blue (33%)

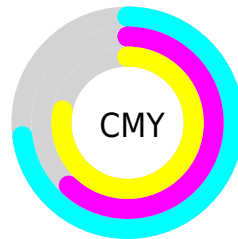


Cyan (29%)

Magenta (0%)

Yellow (44%)

Black (62%)



Cyan (73%)

Magenta (62%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 466237 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 466237 by changing the saturation by 10% instead.





466237



466237

FFFFFF



2F4A21



789567



18330B



92B080



001F00



ACCB9A



000000



C8E7B5



E4FFD1



FFFFED



466237



466237



40622D



4C6241

■ 396223

■ 53624B

■ 33621A

■ 596254

■ 2C6210

■ 60625E

■ 266206

■ 666268

■ 226200

■ 6C6272

■ 73627C

■ 796285

■ 7F628F

# Harmonies

## Analogous

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



605C2C



466237



26654B

# Triad

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



466237



0E6186



874852

# Complementary

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



466237



533762

# 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.



7E4969



466237



465A88

# Square

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



466237



006579



69517D



834C3C

# Rectangle

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



466237



00665B



69517D



85475A



# Sweetspot

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



466237



75806F



625337



394036



BFBFBF



404040



# Same Dimension

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



466237



53803C



37623D



2D302C



277000



54F000



# Inverse Universe

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



533762



683C80



62375C



2F2C30



490070

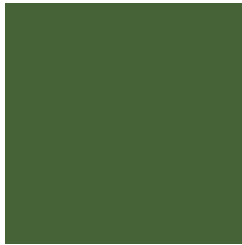


9C00F0



# Previews

## White Background



This preview shows how the Hex color 466237 looks on a white background.

## Color Contrast Check

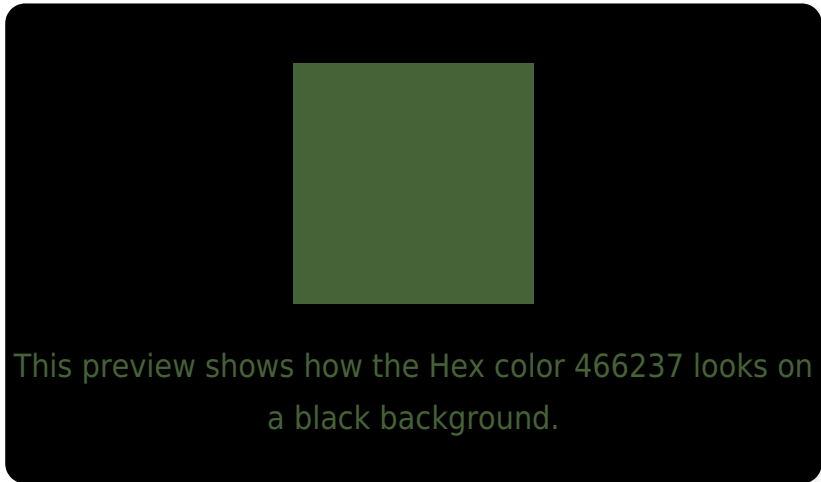
Large Text (above 18pt) WCAG AA ✓ Pass

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

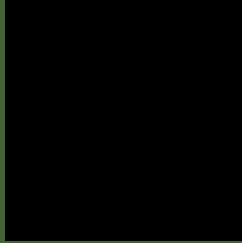
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 466237 Background



This preview shows how black text looks on a background with the Hex color 466237.



This preview shows how white text looks on a background with the Hex color 466237.

# 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**  
466237

**Protanopia**  
635A34

**Deuteranopia**  
6D563A



**Tritanopia**  
4D5D64

# Trichromacy



**Original Color**  
466237

**Protanomaly**  
585D35

**Deuteranomaly**  
5F5A39

**Tritanomaly**  
4A5F54

# Monochromacy



**Original Color**  
466237

**Achromatopsia**  
555555

**Achromatomaly**  
505A4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 466237 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 #466237 looks like.

```
.text, #text, p{  
    color:#466237  
}
```

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 #466237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466237
}
```

## Border

The CSS property to change the border of an element to Hex 466237 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
#466237 }
```

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

```
.border{ border-color:#466237 }
```

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

Here you see how a box with a 4 pixel #466237 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466237; -webkit-box-shadow:4px 4px  
4px 4px #466237; box-shadow:4px 4px 4px  
4px #466237 }
```

# Background

The CSS property to change the background color of an element to Hex 466237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466237 }
```

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

```
.background{ background-color:#466237 }
```

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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