

# Converting Colors

Hex(466646)

Have a look what the booklet for  
Hex(466646) contains.

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# Color

**Hex(466646)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 466646                     |
| RGB         | 70, 102, 70                |
| RGB Percent | 27%, 40%, 27%              |
| CMY         | 0.7255, 0.6000, 0.7255     |
| CMYK        | 0.31, 0.00, 0.31, 0.60     |
| HSL         | 120°, 19%, 34%             |
| HSV         | 120°, 31%, 40%             |
| XYZ         | 8.3826, 11.2470, 7.5234    |
| YIQ         | 88.7840, -8.8000, -16.7360 |

# Conversions

## Conversions Part 2

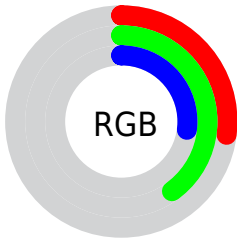
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 70, 102, 102                  |
| Decimal                             | 4613702                       |
| CIE <sub>Lab</sub>                  | 39.99, -18.79, 14.47          |
| CIE <sub>LCh</sub>                  | 40, 23.716, 142.397           |
| Yxy                                 | 11.2470, 0.3087,<br>0.4142    |
| Android<br>(android.graphics.Color) | 4282803782<br>(0xFF466646)    |
| YUV                                 | 88.7840, -9.2605,<br>-16.4736 |
| Hunter-Lab                          | 33.5366, -14.0720,<br>10.1748 |

# Details

The Hex color **466646** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **664666**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **779977**, and **18371A** is the 20% darker color. If you saturate the color by 10%, you get **3C663C**, and if you desaturate by 10%, it is **506650**.

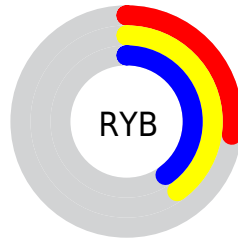
# Distribution



Red (27%)

Green (40%)

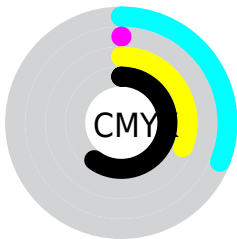
Blue (27%)



Red (27%)

Yellow (40%)

Blue (40%)

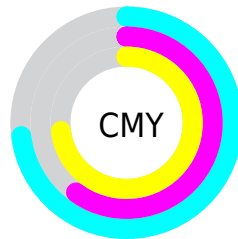


Cyan (31%)

Magenta (0%)

Yellow (31%)

Black (60%)



Cyan (73%)

Magenta (60%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 466646 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 466646 by changing the saturation by 10% instead.





466646



466646

FFFFFF



2F4E2F



779977



18371A



91B490



032100



ACD0AB



000000



C8ECC6



E4FFE2



466646



466646



3C663C



506650



326632



5A665A

 276627

 656665

 1D661D

 6F666F

 136613

 796679

 096609

 836683

 006600

 8D668D

 986698

 A266A2

# Harmonies

## Analogous

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



5C623A



466646



2D6858

# Triad

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



466646



3A6284



845050

# Complementary

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



466646



664666

# 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.



815064



466646



5A5B82

# Square

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



466646



1B667C



725476



7E5540

# Rectangle

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



466646



1C6966



725476



844F57



# Sweetspot

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



466646



798579



666646



3B423B



C2C2C2



424242



# Same Dimension

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



466646



528552



466656



2E332E



007300



00F200



# Inverse Universe

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



664666



855285



664656



332E33



730073

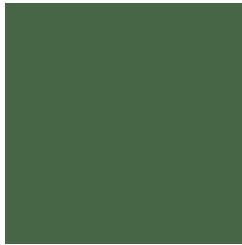


F200F2



# Previews

## White Background



This preview shows how the Hex color 466646 looks on a white background.

## Color Contrast Check

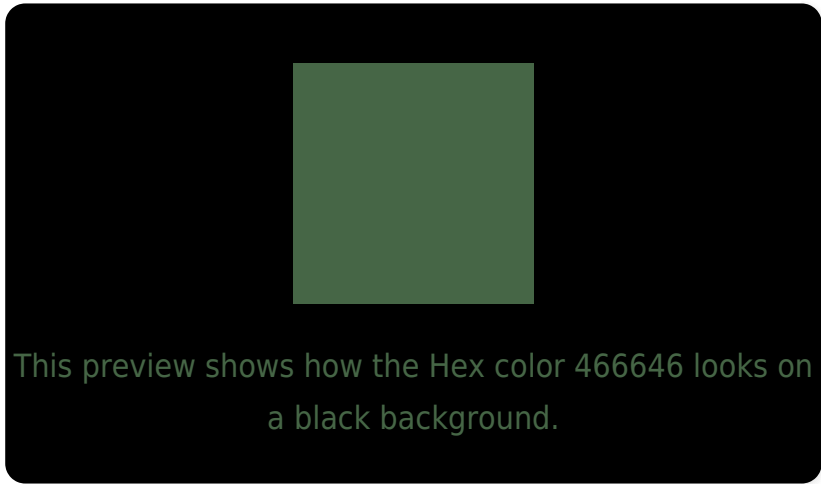
Large Text (above 18pt) WCAG AA ✓ Pass

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

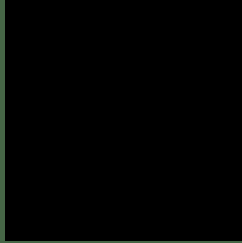
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 466646 Background



This preview shows how black text looks on a background with the Hex color 466646.



This preview shows how white text looks on a background with the Hex color 466646.

# 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**  
466646

**Protanopia**  
655E42

**Deuteranopia**  
6E5A49



**Tritanopia**  
4C6269

# Trichromacy



**Original Color**  
466646

**Protanomaly**  
5A6143

**Deuteranomaly**  
5F5E48

**Tritanomaly**  
4A635C

# Monochromacy



**Original Color**  
466646

**Achromatopsia**  
595959

**Achromatomaly**  
525E52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 466646 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 #466646 looks like.

```
.text, #text, p{  
    color:#466646  
}
```

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 #466646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466646
}
```

## Border

The CSS property to change the border of an element to Hex 466646 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".

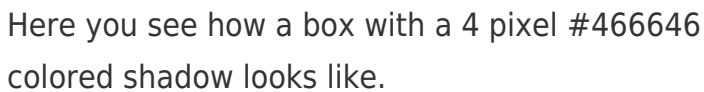
```
.border, #border, table{ border:4px solid
#466646 }
```

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

```
.border{ border-color:#466646 }
```

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

Here you see how a box with a 4 pixel #466646 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466646; -webkit-box-shadow:4px 4px  
4px 4px #466646; box-shadow:4px 4px 4px  
4px #466646 }
```

# Background

The CSS property to change the background color of an element to Hex 466646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466646 }
```

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

```
.background{ background-color:#466646 }
```

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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