

# Converting Colors

Hex(466750)

Have a look what the booklet for  
Hex(466750) contains.

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# Color

**Hex(466750)**

# Conversions

## Conversions Part 1

Format	Color
Hex	466750
RGB	70, 103, 80
RGB Percent	27%, 40%, 31%
CMY	0.7255, 0.5961, 0.6863
CMYK	0.32, 0.00, 0.22, 0.60
HSL	138°, 19%, 34%
HSV	138°, 32%, 40%
XYZ	8.8240, 11.5818, 9.3598
YIQ	90.5110, -12.2850, -14.1490

# Conversions

## Conversions Part 2

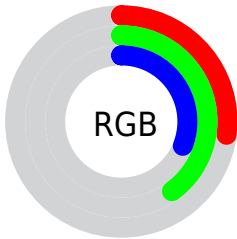
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 95, 103
Decimal	4613968
CIE Lab	40.54, -17.32, 9.22
CIE LCh	41, 19.623, 151.969
Yxy	11.5818, 0.2964, 0.3891
Android (android.graphics.Color)	4282804048 (0xFF466750)
YUV	90.5110, -5.1819, -17.9881
Hunter-Lab	34.0320, -13.2736, 7.5158

# Details

The Hex color **466750** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **67465D**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **779A81**, and **183823** is the 20% darker color. If you saturate the color by 10%, you get **3C6749**, and if you desaturate by 10%, it is **506757**.

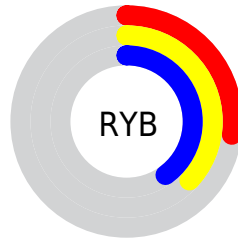
# Distribution



Red (27%)

Green (40%)

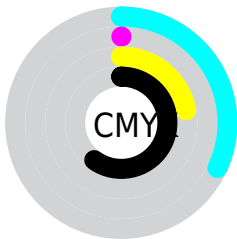
Blue (31%)



Red (27%)

Yellow (37%)

Blue (40%)

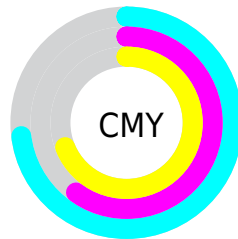


Cyan (32%)

Magenta (0%)

Yellow (22%)

Black (60%)



Cyan (73%)

Magenta (60%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 466750 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 466750 by changing the saturation by 10% instead.



 466750

 466750

FFFFFF

 2F4F39

 779A81

 183823

 91B59B

 02220E

 ACD1B6

 000400

 C8EDD2

 000000


 E4FFEE

 466750

 466750

 3C6749

 506757

 316742

 5B675E

■ 27673A

■ 656766

■ 1D6733

■ 6F676D

■ 13672C

■ 7A6774

■ 086725

■ 84677B

■ 00671F

■ 8E6782

■ 986789

■ A36791

# Harmonies

## Analogous

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



596444



466750



356860

# Triad

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



466750



4C617F



7F554F

# Complementary

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



466750



67465D

# 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.



7E545F



466750



635B7B

# Square

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



466750



36657B



75566F



775944

# Rectangle

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



466750



2D686B



75566F



805454



# Sweetspot

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



466750



7A877E



5D6746



3D453F



C4C4C4



454545



# Same Dimension

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



466750



548763



466760



2E332F



007323



00F249



# Inverse Universe

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



67465D



875478



67464D



332E31



730050

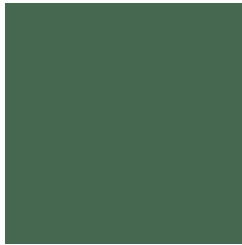


F200A9



# Previews

## White Background



This preview shows how the Hex color 466750 looks on a white background.

## Color Contrast Check

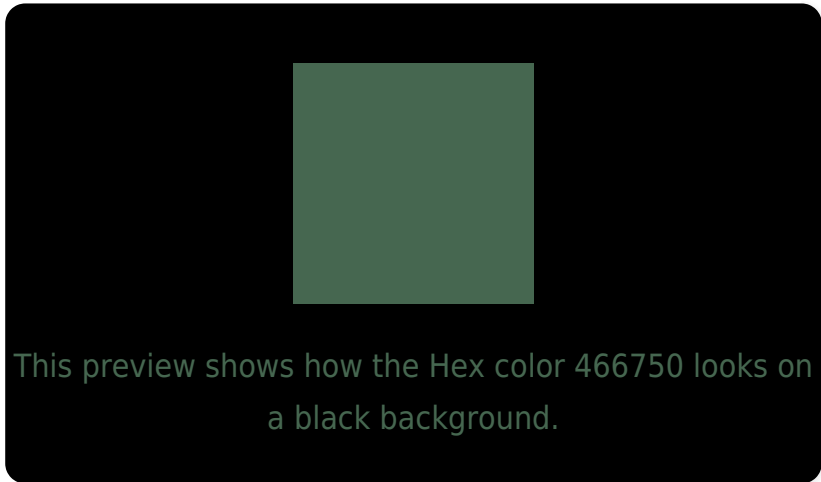
Large Text (above 18pt) WCAG AA ✓ Pass

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

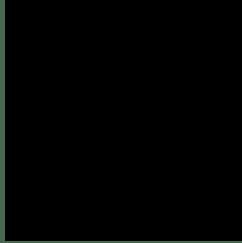
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 466750 Background



This preview shows how black text looks on a background with the Hex color 466750.

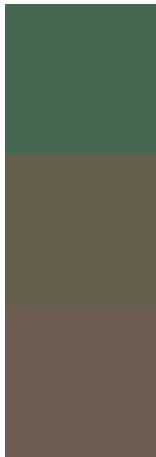


This preview shows how white text looks on a background with the Hex color 466750.

# 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**  
466750

**Protanopia**  
655F4C

**Deuteranopia**  
6D5C52



**Tritanopia**  
4B636B

# Trichromacy



**Original Color**  
466750

**Protanomaly**  
5A624D

**Deuteranomaly**  
5F6051

**Tritanomaly**  
496461

# Monochromacy



**Original Color**  
466750

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
535F57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 466750 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 #466750 looks like.

```
.text, #text, p{  
    color:#466750  
}
```

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 #466750 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466750
}
```

## Border

The CSS property to change the border of an element to Hex 466750 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
#466750 }
```

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

```
.border{ border-color:#466750 }
```

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

Here you see how a box with a 4 pixel #466750 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466750; -webkit-box-shadow:4px 4px  
4px 4px #466750; box-shadow:4px 4px 4px  
4px #466750 }
```

# Background

The CSS property to change the background color of an element to Hex 466750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466750 }
```

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

```
.background{ background-color:#466750 }
```

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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