

# Converting Colors

Hex(466E56)

Have a look what the booklet for  
Hex(466E56) contains.

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# Color

**Hex(466E56)**

# Conversions

## Conversions Part 1

Format	Color
Hex	466E56
RGB	70, 110, 86
RGB Percent	27%, 43%, 34%
CMY	0.7255, 0.5686, 0.6627
CMYK	0.36, 0.00, 0.22, 0.57
HSL	144°, 22%, 35%
HSV	144°, 36%, 43%
XYZ	9.7814, 13.1258, 10.8221
YIQ	95.3040, -16.1360, -15.9440

# Conversions

## Conversions Part 2

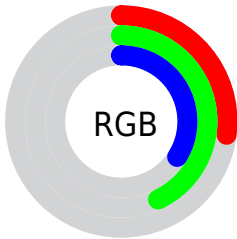
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 99, 110
Decimal	4615766
CIELab	42.95, -19.79, 9.00
CIELCh	43, 21.744, 155.553
Yxy	13.1258, 0.2900, 0.3892
Android (android.graphics.Color)	4282805846 (0xFF466E56)
YUV	95.3040, -4.5869, -22.1916
Hunter-Lab	36.2296, -15.2096, 7.6503

# Details

The Hex color **466E56** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E465E**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **78A288**, and **173E29** is the 20% darker color. If you saturate the color by 10%, you get **3B6E4F**, and if you desaturate by 10%, it is **516E5D**.

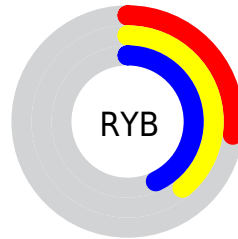
# Distribution



Red (27%)

Green (43%)

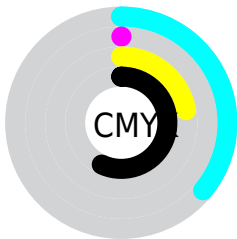
Blue (34%)



Red (27%)

Yellow (39%)

Blue (43%)

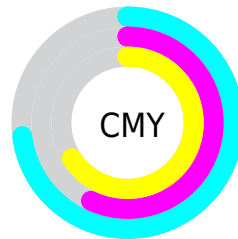


Cyan (36%)

Magenta (0%)

Yellow (22%)

Black (57%)



Cyan (73%)

Magenta (57%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 466E56 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 466E56 by changing the saturation by 10% instead.



 466E56

 466E56

FFFFFF

 2E553F

 78A288

 173E29

 92BDA2

 002814

 ADD9BD

 001200

 C9F5D9

 000000

 E5FFF5

 466E56

 466E56

 3B6E4F

 516E5D

 306E49

 5C6E63

■ 256E42

■ 676E6A

■ 1A6E3C

■ 726E70

■ 0F6E35

■ 7D6E77

■ 046E2E

■ 886E7E

■ 006E2C

■ 936E84

■ 9E6E8B

■ A96E91

# Harmonies

## Analogous

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



5B6B48



466E56



326F68

# Triad

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



466E56



536689



885A51

# Complementary

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



466E56



6E465E

# 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.



885863



466E56



6C6083

# Square

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



466E56



386B86



7F5A75



7E5F45

# Rectangle

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



466E56



2A6F74



7F5A75



895957



# Sweetspot

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



466E56



7F8F85



5E6E46



3E4742



C7C7C7



474747



# Same Dimension

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



466E56



508F69



466E6A



323835



007830



00F763



# Inverse Universe

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



6E465E



8F5076



6E464A



383236



780048



F70094



# Previews

## White Background



This preview shows how the Hex color 466E56 looks on a white background.

## Color Contrast Check

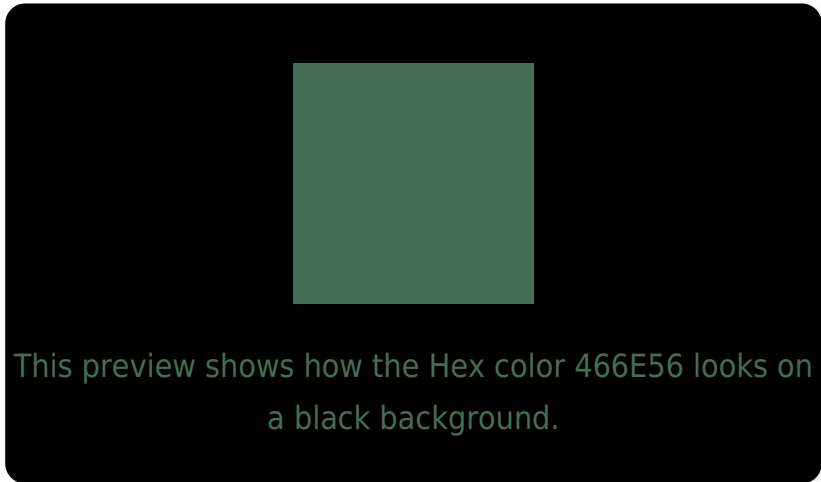
Large Text (above 18pt) WCAG AA ✓ Pass

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

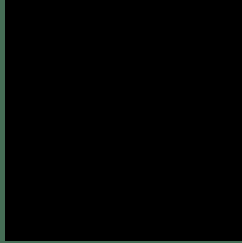
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 466E56 Background



This preview shows how black text looks on a background with the Hex color 466E56.



This preview shows how white text looks on a background with the Hex color 466E56.

# 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**  
466E56

**Protanopia**  
6B6552

**Deuteranopia**  
736159



**Tritanopia**  
4C6A73

# Trichromacy



**Original Color**  
466E56

**Protanomaly**  
5E6853

**Deuteranomaly**  
636658

**Tritanomaly**  
4A6B68

# Monochromacy



**Original Color**  
466E56

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
56645C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 466E56 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 #466E56 looks like.

```
.text, #text, p{  
    color:#466E56  
}
```

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 #466E56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466E56
}
```

## Border

The CSS property to change the border of an element to Hex 466E56 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".

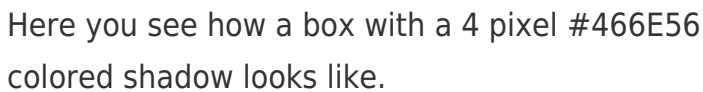
```
.border, #border, table{ border:4px solid
#466E56 }
```

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

```
.border{ border-color:#466E56 }
```

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

Here you see how a box with a 4 pixel #466E56 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466E56; -webkit-box-shadow:4px 4px  
4px 4px #466E56; box-shadow:4px 4px 4px  
4px #466E56 }
```

# Background

The CSS property to change the background color of an element to Hex 466E56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466E56 }
```

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

```
.background{ background-color:#466E56 }
```

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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