

# Converting Colors

Hex(466E60)

Have a look what the booklet for  
Hex(466E60) contains.

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# Color

**Hex(466E60)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	466E60
RGB	70, 110, 96
RGB Percent	27%, 43%, 38%
CMY	0.7255, 0.5686, 0.6235
CMYK	0.36, 0.00, 0.13, 0.57
HSL	159°, 22%, 35%
HSV	159°, 36%, 43%
XYZ	10.2130, 13.2985, 13.0949
YIQ	96.4440, -19.3460, -12.8340

# Conversions

## Conversions Part 2

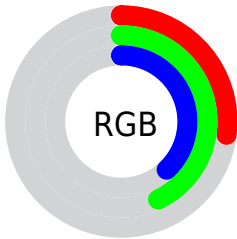
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 94, 110
Decimal	4615776
CIELab	43.21, -17.51, 3.36
CIELCh	43, 17.827, 169.122
Yxy	13.2985, 0.2790, 0.3633
Android (android.graphics.Color)	4282805856 (0xFF466E60)
YUV	96.4440, -0.2189, -23.1914
Hunter-Lab	36.4671, -13.8264, 4.2366

# Details

The Hex color **466E60** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E4654**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **78A292**, and **173E32** is the 20% darker color. If you saturate the color by 10%, you get **3B6E5C**, and if you desaturate by 10%, it is **516E64**.

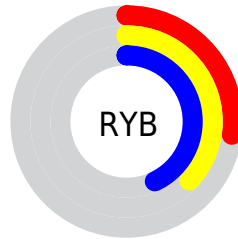
# Distribution



Red (27%)

Green (43%)

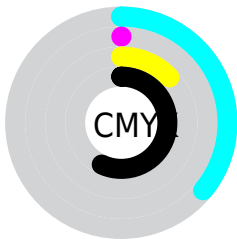
Blue (38%)



Red (27%)

Yellow (37%)

Blue (43%)

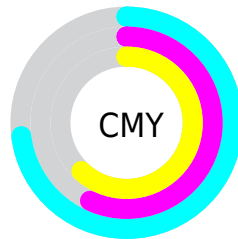


Cyan (36%)

Magenta (0%)

Yellow (13%)

Black (57%)



Cyan (73%)

Magenta (57%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 466E60 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 466E60 by changing the saturation by 10% instead.





466E60



466E60

FFFFFF



2E5648



78A292



173E32



92BDAD



00281D



ADD9C8



001303



C9F5E4



000000



E5FFFF



466E60



466E60



3B6E5C



516E64



306E58



5C6E68

■ 256E54

■ 676E6C

■ 1A6E51

■ 726E6F

■ 0F6E4D

■ 7D6E73

■ 046E49

■ 886E77

■ 006E48

■ 936E7B

■ 9E6E7F

■ A96E83

# Harmonies

## Analogous

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



566C52



466E60



3B6E6F

# Triad

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



466E60



616482



805F50

# Complementary

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



466E60



6E4654

# 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.



845C5D



466E60



745F79

# Square

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



466E60



4C6983



805C6C



766349

# Rectangle

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



466E60



3B6D78



805C6C



825D54



# Sweetspot

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



466E60



7F8F89



546E46



3E4744



C7C7C7



474747



# Same Dimension

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



466E60



508F79



46686E



323836



00784E



00F7A1



# Inverse Universe

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



6E4654



8F5066



6E4C46



383234



78002A



F70057



# Previews

## White Background



This preview shows how the Hex color 466E60 looks on a white background.

## Color Contrast Check

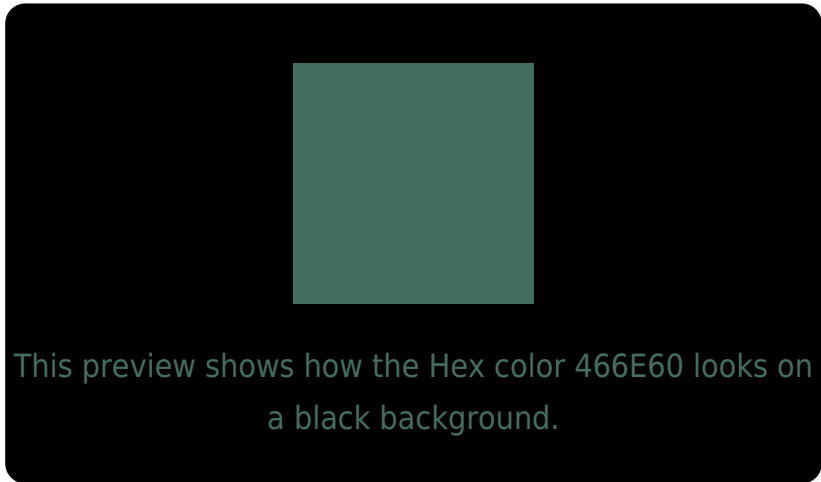
Large Text (above 18pt) WCAG AA ✓ Pass

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

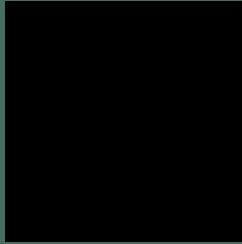
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 466E60 Background



This preview shows how black text looks on a background with the Hex color 466E60.



This preview shows how white text looks on a background with the Hex color 466E60.

# 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**  
466E60

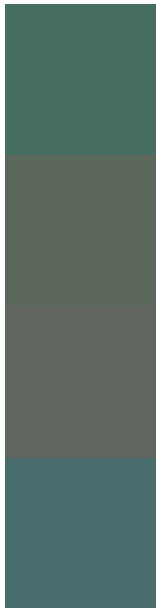
**Protanopia**  
6A655B

**Deuteranopia**  
716262



**Tritanopia**  
4B6B74

# Trichromacy



**Original Color**  
466E60

**Protanomaly**  
5D685D

**Deuteranomaly**  
616661

**Tritanomaly**  
496C6D

# Monochromacy



**Original Color**  
466E60

**Achromatopsia**  
606060

**Achromatomaly**  
576560

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 466E60 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 #466E60 looks like.

```
.text, #text, p{  
    color:#466E60  
}
```

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 #466E60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466E60
}
```

## Border

The CSS property to change the border of an element to Hex 466E60 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
#466E60 }
```

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

```
.border{ border-color:#466E60 }
```

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

Here you see how a box with a 4 pixel #466E60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466E60; -webkit-box-shadow:4px 4px  
4px 4px #466E60; box-shadow:4px 4px 4px  
4px #466E60 }
```

# Background

The CSS property to change the background color of an element to Hex 466E60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466E60 }
```

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

```
.background{ background-color:#466E60 }
```

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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