

# Converting Colors

Hex(466B63)

Have a look what the booklet for  
Hex(466B63) contains.

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# Color

**Hex(466B63)**

# Conversions

## Conversions Part 1

Format	Color
Hex	466B63
RGB	70, 107, 99
RGB Percent	27%, 42%, 39%
CMY	0.7255, 0.5804, 0.6118
CMYK	0.35, 0.00, 0.07, 0.58
HSL	167°, 21%, 35%
HSV	167°, 35%, 42%
XYZ	10.0356, 12.7183, 13.7303
YIQ	95.0250, -19.4840, -10.3320

# Conversions

## Conversions Part 2

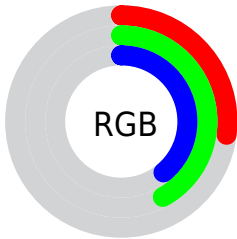
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 91, 107
Decimal	4615011
CIE <sub>Lab</sub>	42.34, -15.12, 0.29
CIE <sub>LCh</sub>	42, 15.127, 178.917
Yxy	12.7183, 0.2751, 0.3486
Android (android.graphics.Color)	4282805091 (0xFF466B63)
YUV	95.0250, 1.9597, -21.9469
Hunter-Lab	35.6628, -12.1794, 2.1370

# Details

The Hex color **466B63** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B464E**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **789F96**, and **173B35** is the 20% darker color. If you saturate the color by 10%, you get **3B6B61**, and if you desaturate by 10%, it is **516B65**.

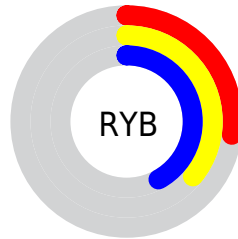
# Distribution



 Red (27%)

 Green (42%)

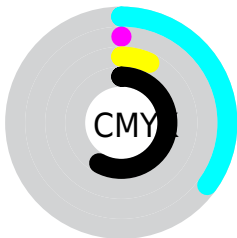
 Blue (39%)




 Red (27%)

 Yellow (36%)

 Blue (42%)

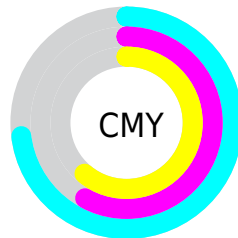


 Cyan (35%)

 Magenta (0%)

 Yellow (7%)

 Black (58%)



 Cyan (73%)

 Magenta (58%)

 Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 466B63 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 466B63 by changing the saturation by 10% instead.





466B63



466B63

FFFFFF



2E534B



789F96



173B35



92BAB0



00261F



ADD5CC



000F07



C8F2E8



000000



E5FFFF



466B63



466B63



3B6B61



516B65



316B5E



5B6B68

■ 266B5C

■ 666B6A

■ 1B6B5A

■ 716B6C

■ 116B57

■ 7C6B6F

■ 066B55

■ 866B71

■ 006B54

■ 916B73

■ 9C6B76

■ A66B78

# Harmonies

## Analogous

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



526A57



466B63



416B6F

# Triad

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



466B63



65617A



785F4F

# Complementary

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



466B63



6B464E

# 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.



7D5C58



466B63



745D71

# Square

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



466B63



55657D



7C5B65



6E634B

# Rectangle

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



466B63



436A76



7C5B65



7B5E52



# Sweetspot

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



466B63



7E8C89



4E6B46



3F4746



C7C7C7



474747



# Same Dimension

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



466B63



538C80



46616B



303634



00755C



00F5C0



# Inverse Universe

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



6B464E



8C535F



6B5046



363031



750019



F50035



# Previews

## White Background



This preview shows how the Hex color 466B63 looks on a white background.

## Color Contrast Check

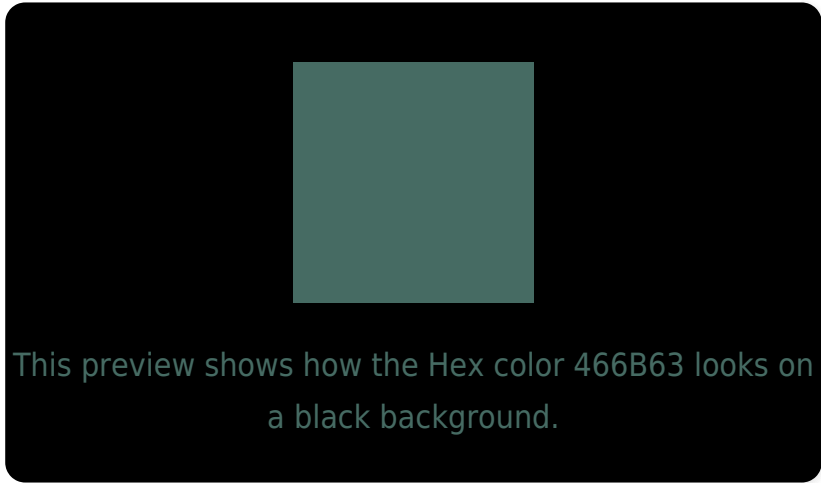
Large Text (above 18pt) WCAG AA ✓ Pass

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

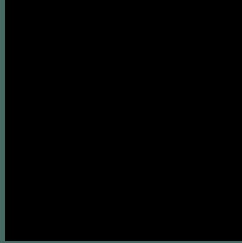
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 466B63 Background



This preview shows how black text looks on a background with the Hex color 466B63.

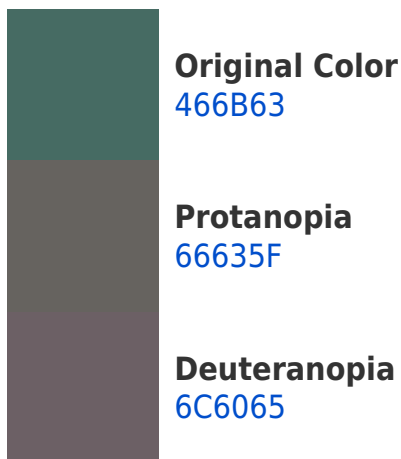



This preview shows how white text looks on a background with the Hex color 466B63.

# 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](#).

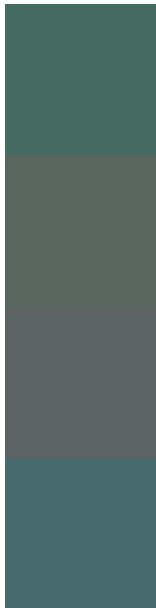
## Dichromacy





**Tritanopia**  
496971

# Trichromacy



**Original Color**  
466B63

**Protanomaly**  
5A6660

**Deuteranomaly**  
5E6464

**Tritanomaly**  
486A6C

# Monochromacy



**Original Color**  
466B63

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
566360

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 466B63 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 #466B63 looks like.

```
.text, #text, p{  
    color:#466B63  
}
```

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 #466B63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466B63
}
```

## Border

The CSS property to change the border of an element to Hex 466B63 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
#466B63 }
```

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

```
.border{ border-color:#466B63 }
```

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

Here you see how a box with a 4 pixel #466B63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466B63; -webkit-box-shadow:4px 4px  
4px 4px #466B63; box-shadow:4px 4px 4px  
4px #466B63 }
```

# Background

The CSS property to change the background color of an element to Hex 466B63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466B63 }
```

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

```
.background{ background-color:#466B63 }
```

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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