

Converting Colors

Hex(466E64)

Have a look what the booklet for
Hex(466E64) contains.

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Color

Hex(466E64)

Conversions

Conversions Part 1

Format	Color
Hex	466E64
RGB	70, 110, 100
RGB Percent	27%, 43%, 39%
CMY	0.7255, 0.5686, 0.6078
CMYK	0.36, 0.00, 0.09, 0.57
HSL	165°, 22%, 35%
HSV	165°, 36%, 43%
XYZ	10.4020, 13.3741, 14.0898
YIQ	96.9000, -20.6300, -11.5900

Conversions

Conversions Part 2

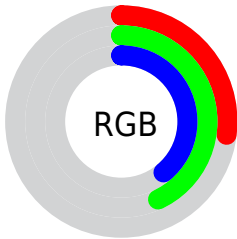
Format	Color
R_{YB}	70, 93, 110
Decimal	4615780
CIE Lab	43.32, -16.53, 1.12
CIE LCh	43, 16.570, 176.132
Yxy	13.3741, 0.2747, 0.3532
Android (android.graphics.Color)	4282805860 (0xFF466E64)
YUV	96.9000, 1.5283, -23.5913
Hunter-Lab	36.5706, -13.2267, 2.7563

Details

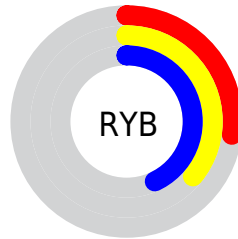
The Hex color **466E64** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E4650**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **78A297**, and **163E35** is the 20% darker color. If you saturate the color by 10%, you get **3B6E61**, and if you desaturate by 10%, it is **516E67**.

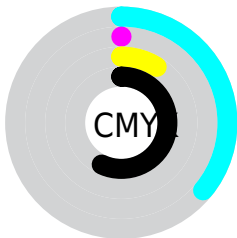
Distribution



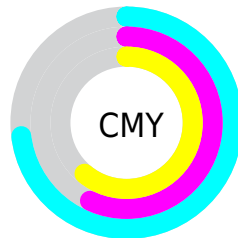
- Red (27%)
- Green (43%)
- Blue (39%)



- Red (27%)
- Yellow (36%)
- Blue (43%)



- Cyan (36%)
- Magenta (0%)
- Yellow (9%)
- Black (57%)



- Cyan (73%)
- Magenta (57%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 466E64 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 466E64 by changing the saturation by 10% instead.

 466E64

 466E64

FFFFFF

 2E564C

 78A297

 163E35

 92BDB1

 002820

 ADD9CD

 001409

 C9F5E9

 000000

 E5FFFF

 466E64

 466E64

 3B6E61

 516E67

 306E5F

 5C6E6A

■ 256E5C

■ 676E6C

■ 1A6E59

■ 726E6F

■ 0F6E56

■ 7D6E72

■ 046E54

■ 886E75

■ 006E53

■ 936E77

■ 9E6E7A

■ A96E7D

Harmonies

Analogous

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



546C57



466E64



3F6E72

Triad

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



466E64



66637F



7D6050

Complementary

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



466E64



6E4650

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.



825D5B



466E64



765F76

Square

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



466E64



536881



805D69



72654B

Rectangle

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



466E64



416D7A



805D69



805F53

Sweetspot

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



466E64



7F8F8B



506E46



3E4745



C7C7C7



474747

Same Dimension

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



466E64



508F7F



46646E



323837



00785A



00F7BA

Inverse Universe

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



6E4650



8F5060



6E5046



383234



78001E



F7003E

Previews

White Background



This preview shows how the Hex color 466E64 looks on a white background.

Color Contrast Check

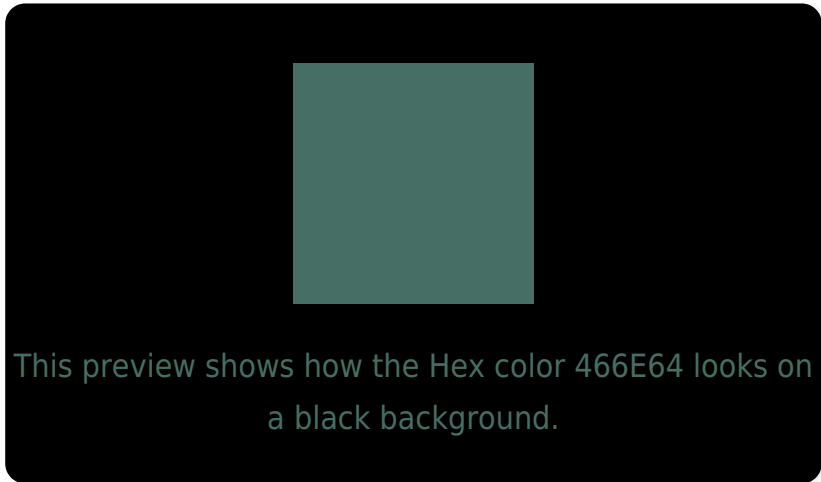
Large Text (above 18pt) WCAG AA ✓ Pass

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

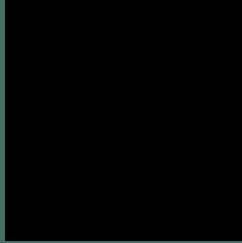
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

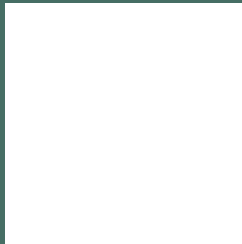
Any Text WCAG AAA × Fail

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

Hex 466E64 Background



This preview shows how black text looks on a background with the Hex color 466E64.

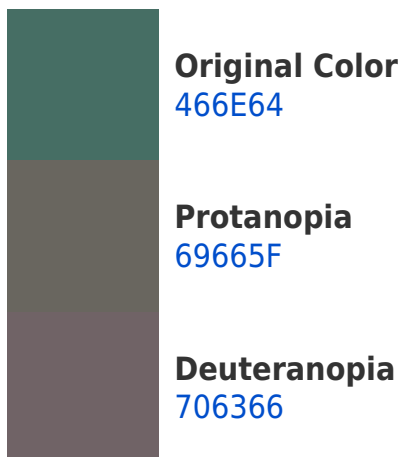



This preview shows how white text looks on a background with the Hex color 466E64.

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](#).

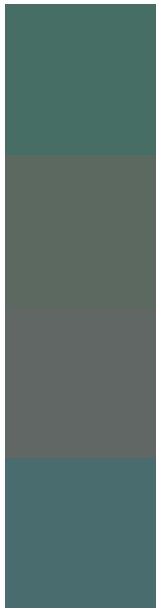
Dichromacy





Tritanopia
4A6C74

Trichromacy



Original Color
466E64

Protanomaly
5C6961

Deuteranomaly
616765

Tritanomaly
496D6E

Monochromacy



Original Color
466E64

Achromatopsia
616161

Achromatomaly
576662

CSS Examples

Text

The CSS property to change the color of the text to Hex 466E64 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 #466E64 looks like.

```
.text, #text, p{  
    color:#466E64  
}
```

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 #466E64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466E64  
}
```

Border

The CSS property to change the border of an element to Hex 466E64 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  
#466E64 }
```

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

```
.border{ border-color:#466E64 }
```

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

Here you see how a box with a 4 pixel #466E64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466E64; -webkit-box-shadow:4px 4px  
4px 4px #466E64; box-shadow:4px 4px 4px  
4px #466E64 }
```

Background

The CSS property to change the background color of an element to Hex 466E64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466E64 }
```

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

```
.background{ background-color:#466E64 }
```

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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