

Converting Colors

Hex(466E61)

Have a look what the booklet for
Hex(466E61) contains.

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Color

Hex(466E61)

Conversions

Conversions Part 1

Format	Color
Hex	466E61
RGB	70, 110, 97
RGB Percent	27%, 43%, 38%
CMY	0.7255, 0.5686, 0.6196
CMYK	0.36, 0.00, 0.12, 0.57
HSL	160°, 22%, 35%
HSV	160°, 36%, 43%
XYZ	10.2594, 13.3170, 13.3390
YIQ	96.5580, -19.6670, -12.5230

Conversions

Conversions Part 2

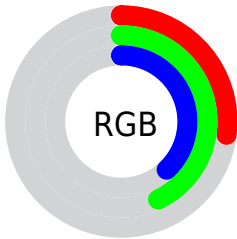
Format	Color
RYB	70, 94, 110
Decimal	4615777
CIELab	43.24, -17.27, 2.80
CIElCh	43, 17.492, 170.782
Yxy	13.3170, 0.2779, 0.3607
Android (android.graphics.Color)	4282805857 (0xFF466E61)
YUV	96.5580, 0.2179, -23.2914
Hunter-Lab	36.4925, -13.6789, 3.8727

Details

The Hex color **466E61** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E4653**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **78A294**, and **173E33** is the 20% darker color. If you saturate the color by 10%, you get **3B6E5D**, and if you desaturate by 10%, it is **516E65**.

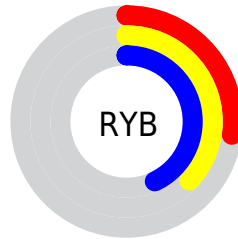
Distribution



Red (27%)

Green (43%)

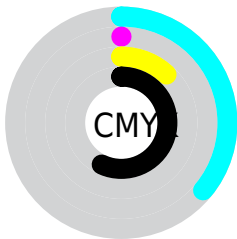
Blue (38%)



Red (27%)

Yellow (37%)

Blue (43%)

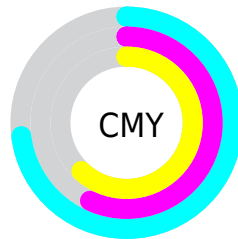


Cyan (36%)

Magenta (0%)

Yellow (12%)

Black (57%)



Cyan (73%)

Magenta (57%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 466E61 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 466E61 by changing the saturation by 10% instead.

466E61

466E61

FFFFFF

2E5649

78A294

173E33

92BDAE

00281E

ADD9C9

001404

C9F5E6

000000

E5FFFF

466E61

466E61

3B6E5D

516E65

306E5A

5C6E68

■ 256E56

■ 676E6C

■ 1A6E53

■ 726E6F

■ 0F6E4F

■ 7D6E73

■ 046E4C

■ 886E76

■ 006E4A

■ 936E7A

■ 9E6E7E

■ A96E81

Harmonies

Analogous

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



566C53



466E61



3C6E70

Triad

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



466E61



626481



7F5F50

Complementary

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



466E61



6E4653

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



466E61



745F79

Square

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



466E61



4E6982



805C6B



75644A

Rectangle

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



466E61



3C6D79



805C6B



825E54

Sweetspot

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



466E61



7F8F8A



536E46



3E4744



C7C7C7



474747

Same Dimension

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



466E61



508F7A



46676E



323836



007851



00F7A7

Inverse Universe

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



6E4653



8F5064



6E4D46



383234



780027



F70050

Previews

White Background



This preview shows how the Hex color 466E61 looks on a white background.

Color Contrast Check

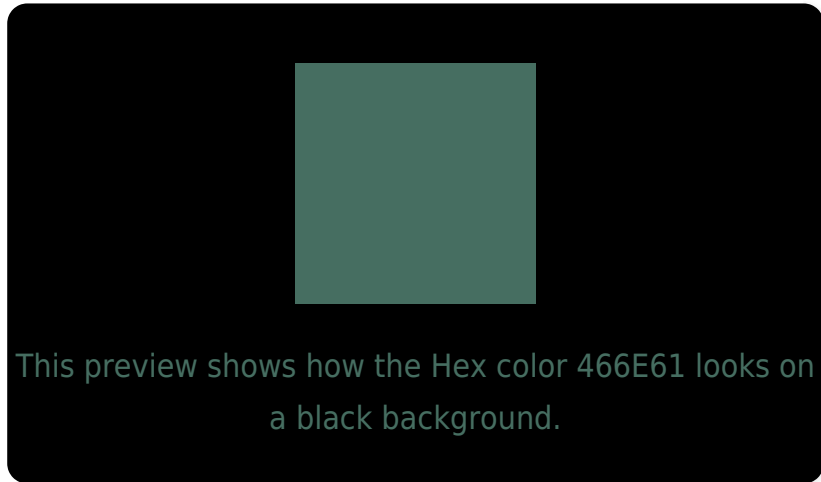
Large Text (above 18pt) WCAG AA ✓ Pass

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

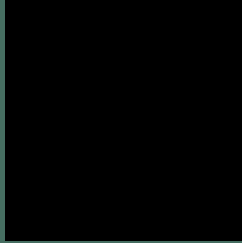
Any Text WCAG AA × Fail

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 466E61 Background



This preview shows how black text looks on a background with the Hex color 466E61.

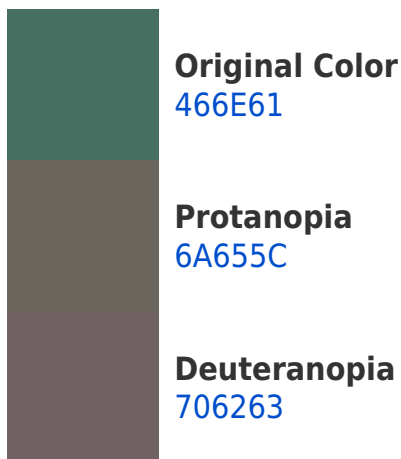


This preview shows how white text looks on a background with the Hex color 466E61.

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
4A6B74

Trichromacy



Original Color
466E61

Protanomaly
5D685E

Deuteranomaly
616662

Tritanomaly
496C6D

Monochromacy



Original Color
466E61

Achromatopsia
616161

Achromatomaly
576661

CSS Examples

Text

The CSS property to change the color of the text to Hex 466E61 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 #466E61 looks like.

```
.text, #text, p{  
    color:#466E61  
}
```

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 #466E61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466E61  
}
```

Border

The CSS property to change the border of an element to Hex 466E61 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  
#466E61 }
```

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

```
.border{ border-color:#466E61 }
```

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

Here you see how a box with a 4 pixel #466E61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466E61; -webkit-box-shadow:4px 4px  
4px 4px #466E61; box-shadow:4px 4px 4px  
4px #466E61 }
```

Background

The CSS property to change the background color of an element to Hex 466E61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466E61 }
```

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

```
.background{ background-color:#466E61 }
```

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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