

Converting Colors

Hex(466E55)

Have a look what the booklet for
Hex(466E55) contains.

Hex(466E55)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(466E55)

Conversions

Conversions Part 1

Format	Color
Hex	466E55
RGB	70, 110, 85
RGB Percent	27%, 43%, 33%
CMY	0.7255, 0.5686, 0.6667
CMYK	0.36, 0.00, 0.23, 0.57
HSL	142°, 22%, 35%
HSV	142°, 36%, 43%
XYZ	9.7414, 13.1098, 10.6114
YIQ	95.1900, -15.8150, -16.2550

Conversions

Conversions Part 2

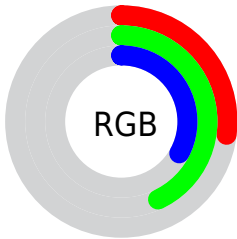
Format	Color
RYB	70, 99, 110
Decimal	4615765
CIELab	42.93, -20.01, 9.56
CIElCh	43, 22.178, 154.458
Yxy	13.1098, 0.2911, 0.3918
Android (android.graphics.Color)	4282805845 (0xFF466E55)
YUV	95.1900, -5.0237, -22.0916
Hunter-Lab	36.2075, -15.3388, 7.9691

Details

The Hex color **466E55** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E465F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **78A287**, and **173E28** is the 20% darker color. If you saturate the color by 10%, you get **3B6E4E**, and if you desaturate by 10%, it is **516E5C**.

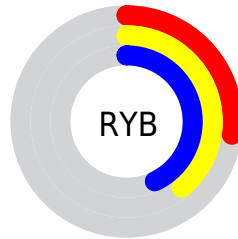
Distribution



 Red (27%)

 Green (43%)

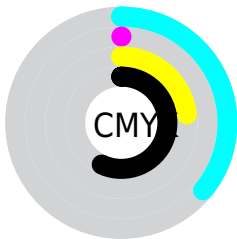
 Blue (33%)




 Red (27%)

 Yellow (39%)

 Blue (43%)

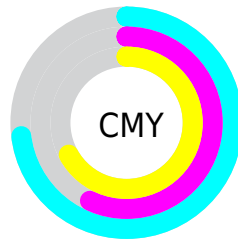


 Cyan (36%)


 Magenta (0%)

 Yellow (23%)

 Black (57%)



 Cyan (73%)

 Magenta (57%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 466E55 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 466E55 by changing the saturation by 10% instead.



466E55



466E55

FFFFFF



2E553E



78A287



173E28



92BDA1



002813



ADD9BC



001200



C9F5D8



000000



E5FFF4



466E55



466E55



3B6E4E



516E5C



306E47



5C6E63

■ 256E40

■ 676E6A

■ 1A6E39

■ 726E71

■ 0F6E33

■ 7D6E77

■ 046E2C

■ 886E7E

■ 006E29

■ 936E85

■ 9E6E8C

■ A96E93

Harmonies

Analogous

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



5C6A47



466E55



316F68

Triad

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



466E55



51668A



885A52

Complementary

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



466E55



6E465F

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.



895863



466E55



6B6084

Square

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



466E55



366B86



7F5A76



7F5F45

Rectangle

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



466E55



286F74



7F5A76



8A5857

Sweetspot

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



466E55



7F8F85



5F6E46



3E4742



C7C7C7



474747

Same Dimension

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



466E55



508F68



466E69



323835



00782D



00F75D

Inverse Universe

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



6E465F



8F5077



6E464B



383236



78004B



F7009B

Previews

White Background



This preview shows how the Hex color 466E55 looks on a white background.

Color Contrast Check

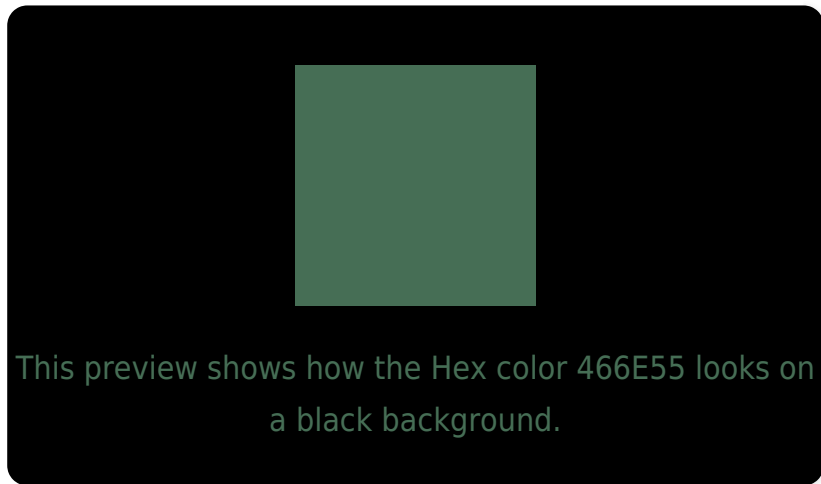
Large Text (above 18pt) WCAG AA ✓ Pass

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

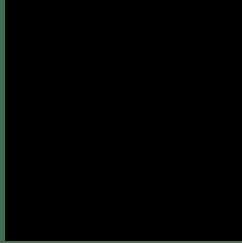
Any Text WCAG AA × Fail

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 466E55 Background



This preview shows how black text looks on a background with the Hex color 466E55.



This preview shows how white text looks on a background with the Hex color 466E55.

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
466E55

Protanopia
6B6551

Deuteranopia
736158



Tritanopia
4C6A73

Trichromacy



Original Color
466E55

Protanomaly
5E6852

Deuteranomaly
636657

Tritanomaly
4A6B68

Monochromacy



Original Color
466E55

Achromatopsia
5F5F5F

Achromatomaly
56645B

CSS Examples

Text

The CSS property to change the color of the text to Hex 466E55 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 #466E55 looks like.

```
.text, #text, p{  
    color:#466E55  
}
```

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 #466E55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466E55
}
```

Border

The CSS property to change the border of an element to Hex 466E55 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
#466E55 }
```

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

```
.border{ border-color:#466E55 }
```

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

Here you see how a box with a 4 pixel #466E55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466E55; -webkit-box-shadow:4px 4px  
4px 4px #466E55; box-shadow:4px 4px 4px  
4px #466E55 }
```

Background

The CSS property to change the background color of an element to Hex 466E55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466E55 }
```

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

```
.background{ background-color:#466E55 }
```

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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