

Converting Colors

Hex(466C5E)

Have a look what the booklet for
Hex(466C5E) contains.

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Color

Hex(466C5E)

Conversions

Conversions Part 1

Format	Color
Hex	466C5E
RGB	70, 108, 94
RGB Percent	27%, 42%, 37%
CMY	0.7255, 0.5765, 0.6314
CMYK	0.35, 0.00, 0.13, 0.58
HSL	158°, 21%, 35%
HSV	158°, 35%, 42%
XYZ	9.9087, 12.8354, 12.5449
YIQ	95.0420, -18.1540, -12.4100

Conversions

Conversions Part 2

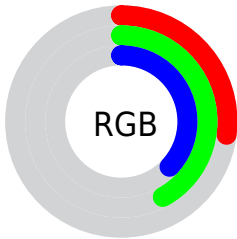
Format	Color
R_{YB}	70, 93, 108
Decimal	4615262
CIE _{Lab}	42.51, -16.89, 3.57
CIE _{LCh}	43, 17.266, 168.077
Yxy	12.8354, 0.2808, 0.3637
Android (android.graphics.Color)	4282805342 (0xFF466C5E)
YUV	95.0420, -0.5137, -21.9618
Hunter-Lab	35.8265, -13.3276, 4.3177

Details

The Hex color **466C5E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C4654**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **78A090**, and **173C30** is the 20% darker color. If you saturate the color by 10%, you get **3B6C5A**, and if you desaturate by 10%, it is **516C62**.

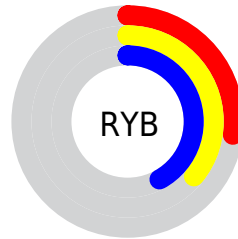
Distribution



Red (27%)

Green (42%)

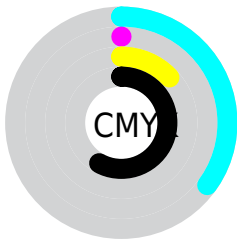
Blue (37%)



Red (27%)

Yellow (36%)

Blue (42%)

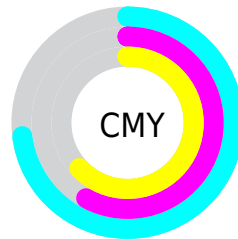


Cyan (35%)

Magenta (0%)

Yellow (13%)

Black (58%)



Cyan (73%)

Magenta (58%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 466C5E 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 466C5E by changing the saturation by 10% instead.

 466C5E

 466C5E

FFFFFF

 2E5446

 78A090

 173C30

 92BBAB

 00261B

 ADD6C6

 001000

 C8F3E2

 000000

 E5FFFF

 466C5E

 466C5E

 3B6C5A

 516C62

 306C56

 5C6C66

■ 266C52

■ 666C6A

■ 1B6C4E

■ 716C6E

■ 106C4A

■ 7C6C72

■ 056C46

■ 876C76

■ 006C44

■ 926C7A

■ 9C6C7E

■ A76C82

Harmonies

Analogous

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



566A51



466C5E



3B6C6D

Triad

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



466C5E



5F637F



7E5D50

Complementary

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



466C5E



6C4654

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.



815A5C



466C5E



715E77

Square

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



466C5E



4B6780



7D5B6B



746149

Rectangle

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



466C5E



3B6C75



7D5B6B



805C53

Sweetspot

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



466C5E



7D8C87



556C46



3E4744



C7C7C7



474747

Same Dimension

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



466C5E



518C77



46686C



303634



00754A



00F59B

Inverse Universe

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



6C4654



8C5167



6C4A46



363032



75002B



F5005A

Previews

White Background



This preview shows how the Hex color 466C5E looks on a white background.

Color Contrast Check

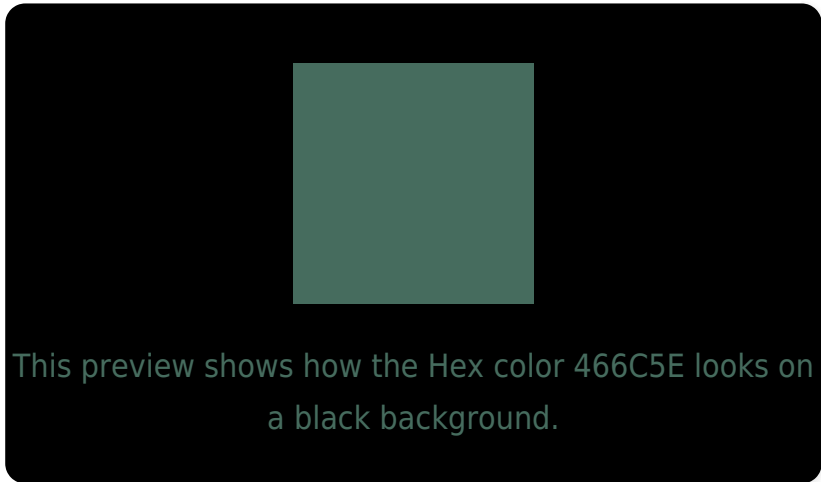
Large Text (above 18pt) WCAG AA ✓ Pass

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

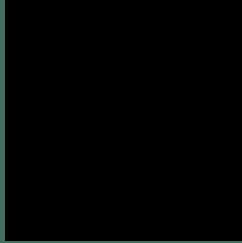
Any Text WCAG AA × Fail

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 466C5E Background



This preview shows how black text looks on a background with the Hex color 466C5E.



This preview shows how white text looks on a background with the Hex color 466C5E.

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
466C5E

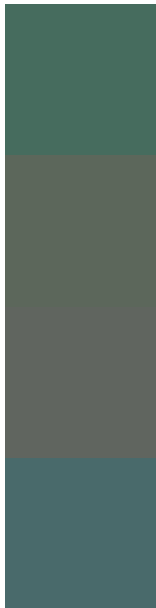
Protanopia
68645A

Deuteranopia
6F6160



Tritanopia
4A6972

Trichromacy



Original Color
466C5E

Protanomaly
5C675B

Deuteranomaly
60655F

Tritanomaly
496A6B

Monochromacy



Original Color
466C5E

Achromatopsia
5F5F5F

Achromatomaly
56645F

CSS Examples

Text

The CSS property to change the color of the text to Hex 466C5E 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 #466C5E looks like.

```
.text, #text, p{  
    color:#466C5E  
}
```

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 #466C5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #466C5E
}
```

Border

The CSS property to change the border of an element to Hex 466C5E 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
#466C5E }
```

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

```
.border{ border-color:#466C5E }
```

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

Here you see how a box with a 4 pixel #466C5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #466C5E; -webkit-box-shadow:4px 4px  
4px 4px #466C5E; box-shadow:4px 4px 4px  
4px #466C5E }
```

Background

The CSS property to change the background color of an element to Hex 466C5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#466C5E }
```

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

```
.background{ background-color:#466C5E }
```

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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